



MIT Art Design and Technology University

3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|--|---|---------------------|-------------------|--|--|----------------------|
| 1 | Dr. Priya Singh & Dr. Namrata Kamble | Attitude towards Environment Protection: A study on students og higher education in Loni Kalbhor, Pune | Attitude towards Environment Protection: A study on students og higher education in Loni Kalbhor, Pune | 2019 | 978-93-87463-76-9 | Yes | NCERT | Link |
| 2 | H R Bhapkar | Advanced calculus & Numerical Methods VTU 2019 | NA | 2019 | 978-93-332-0084-4 | Yes | Technical Publications | Link |
| 3 | H R Bhapkar | Discrete Mathematics SPPU 2019 | NA | 2019 | 978-93-332-2155-9 | Yes | Technical Publications | Link |
| 4 | H R Bhapkar | Engineering Mathematics III 2019 | NA | 2019 | 978-93-332-2065-1 | Yes | Technical Publications | Link |
| 5 | H R Bhapkar | Engineering Mathematics I SPPU 2019 | NA | 2019 | 978-93-89420-64-7 | Yes | Technical Publications | Link |
| 6 | H R Bhapkar | Engineering Mathematics I SPPU 2019 | NA | 2019 | 978-93-89180-20-6 | Yes | Technical Publications | Link |
| 7 | H R Bhapkar | Mathematics I RGPV 2019 | NA | 2019 | 978-93-33202095-8 | Yes | Technical Publications | Link |
| 8 | Dr S V Dingare | Applied Thermodynamics | NA | 2019 | 9789389825 | Yes | Nirali Prakashan | Link |
| 9 | Dr S V Dingare | Heat Transfer | NA | 2019 | 9789389825 | Yes | Nirali Prakashan | Link |
| 10 | Dr. Priya Singh, Dr. Namrata Kamble | NA | Attitude towards Environmental Protection: A study on students of higher education students in loni kalbhor | 2019 | 978-93-87463-76-9 | YES | NCERT | Link |
| 11 | Dr.Shukla, Dr. Virendra Shete | NA | Study of Statistical Parameters of Rician Distributed MR Images | 2019 | 978-1-7281-1924-3 | YES | IEEE | Link |
| 12 | Chetna reddy, Dr.Virendra shete | NA | Synchronization and Channel Estimation in OFDM using Modified Linear Minimum Mean Square Error, | 2019 | 978-1-7281-1924-3 | YES | IEEE | Link |
| 13 | Wricha Mishra | NA | A study on elderly individuals | 2019 | 978-9811359767 | Yes | Springer | Link |
| 14 | Dandeswar Bisoyi | NA | To Analyze the Impact of Spokesperson Used in Cosmetic Advertisements for Trust Building of the Indian Customers Buying Intention | 2019 | 978-9811359767 | Yes | Springer | Link |
| 15 | Reddy C.,Shete V. | NA | Synchronization and Channel Estimation in OFDM using Modified Linear Minimum Mean Square Error | 2019 | 978-1-7281-1924-3 | YES | IEEE | Link |
| 16 | Shukla V.,Shete V.V. | NA | A Study of Statistical Parameters of Rician Distributed MR Images | 2019 | 978-1-7281-1924-3 | YES | IEEE | Link |
| 17 | H. R. Bhapkar | Engineering Mathematics II 2020 | NA | 2019 | 978-93-89750-45-4 | Yes | Technical Publications | Link |
| 18 | H. R. Bhapkar | Discrete Mathematics, JNTU 2020 | NA | 2019 | 978-93-89750-66-9 | Yes | Technical Publications | Link |
| 19 | H. R. Bhapkar | Engineering Mathematics I, SPPU 2019 | NA | 2019 | 978-93-89420-64-7 | Yes | Technical Publications | Link |
| 20 | H. R. Bhapkar | Mathematics II, JNTU 2020 | NA | 2019 | 978-93-332-0097-4 | Yes | Technical Publications | Link |
| 21 | H. R. Bhapkar | Engineering Mathematics I, SPPU, 2019 | NA | 2019 | 978-93-89128-20-6 | Yes | Technical Publications | Link |
| 22 | H. R. Bhapkar | Mathematics I, RGPV 2019 | NA | 2019 | 978-93-332-2095-8 | Yes | Technical Publications | Link |
| 23 | H. R. Bhapkar | Mathematics 2 GTU 2019 | NA | 2019 | 978-93-332-0125-4 | Yes | Technical Publications | Link |
| 24 | H. R. Bhapkar | Mathematics I, GTU 2019 | NA | 2019 | 978-93-332-1989-9 | Yes | Technical Publications | Link |
| 25 | H. R. Bhapkar | Engineering Mathematics III, SPPU 2019 | NA | 2019 | 978-93-332-1303-5 | Yes | Technical Publications | Link |
| 26 | H. R. Bhapkar | Engineering Mathematics I, SPPU 2019 | NA | 2019 | 978-93-89420-20-3 | Yes | Technical Publications | Link |
| 27 | Dr. Sunil V Dingare | Thermodynamics | NA | 2019 | 9789389825 | Yes | Nirali Prakashan | Link |
| 28 | Prof. Nagesh Jadhav | NA | Survey on Human Behavior Recognition using Affective Computing | 2019 | 978-1-5386-5201-5 | Yes | IEEE | Link |
| 29 | Chakradeo K.,Vyawahare S.,Pawar P. | NA | Breast cancer recurrence prediction using machine learning | 2019 | 978-1-7281-5398-8 | yes | IEEE | Link |
| 30 | Pande, Aditi and Munot, Mousami and Sreemathy, R and Bakare, RV | NA | An efficient approach to fruit classification and grading using deep convolutional neural network | 2019 | 978-1-5386-8075-9 | YES | IEEE | Link |
| 31 | Jadhav S.,Kataria R.,Bisoyi D. | NA | Analyze the impact of spokesperson used in cosmetic advertisements for trust building of the Indian customers buying intention | 2019 | 978-981-13-5976-7 | YES | Springer | Link |
| 32 | Dr. Pradip Das | NA | Use of Social Media: A Change in Library Services | 2019 | 978-93-81232-09-5 | YES | 12th International CALIBER | Link |
| 33 | Dr. H. R. Bhapkar and Krishna Kumar | Engineering Mathematics-01 | NA | 2019 | 9789333219099 | YES | Technical Publications | Link |
| 34 | Kinage V.; Patil P. | NA | IoT Based Intelligent System for Vehicle Accident Prevention and Detection at Real Time | 2019 | 978-172814365-1 | yes | Institute of Electrical and Electronics Engineers Inc. | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|---|--|---------------------|--|--|--|----------------------|
| 35 | Goswami T. | NA | True-fill: A prototype to know actual fuel filled at petrol pump using sensors for common Indians | 2019 | 978-981135973-6 | yes | Springer Science and Business Media Deutschland GmbH | Link |
| 36 | Sirdeshmukh V.V.; Apte H.R.; Kale A.A. | NA | Graphene Quantum Dots as promising probes in electrochemical immunoassay for rapid and sensitive detection of pathogenic Staphylococcus aureus | 2019 | 978-172816648-3 | yes | IEEE Computer Society | Link |
| 37 | Sirdeshmukh V.V.; Kadu I.S.; Mishra S.S.; Kale A.A. | NA | A Novel Non-Enzymatic PEDOT:PSS/GO/MnO ₂ Based Biosensor for Hydrogen Peroxide Detection in Biological Samples | 2019 | 978-172816648-3 | yes | IEEE Computer Society | Link |
| 38 | Gunjal S.U.; Sanap S.B.; Patil N.G. | NA | Role of cutting fluids under minimum quantity lubrication: An experimental investigation of chip thickness | 2019 | 2214-7853 | yes | Elsevier Ltd | Link |
| 39 | Dedgaonkar S.; Sachdeo-Bedi R. | NA | Technology support for autistic people: A survey | 2019 | 978-172814042-1 | yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 40 | Pargaonkar A.; Mishra W.; Kadam S. | NA | A study on elderly individuals' attitude towards ICTs | 2019 | 978-981135976-7 | yes | Springer Science and Business Media Deutschland GmbH | Link |
| 41 | Prof. Arshiya Kapoor | Practice and Progress in Social Design and Sustainability | A Case Study on Pipli Craft of Orissa: Learning, Community Building Through Inclusiveness Leading to Development of Pipli Applique Craft | 2019 | ISBN13: 9781522541837 ISBN10: 1522541837 ISBN13 Softcover: 9781522588528 EISBN13: 9781522541844 | Yes | IGI GLocal | Link |
| 42 | Dr. Priya Singh & Dr. Namrata Kamble | Emerging trends and innovation in school sciences | Attitude towards Environment Protection: A study on students of higher education in Loni Kalnhor, Pune | 2019 | 978-93-87463-76-9 | Yes | NCERT | Link |
| 43 | H. R. Bhapkar | Engineering Mathematics II 2020 | | 2019 | 978-93-89750-45-4 | Yes | Technical Publications | Link |
| 44 | H. R. Bhapkar | Discrete Mathematics, JNTU 2020 | | 2019 | 978-93-89750-66-9 | Yes | Technical Publications | Link |
| 45 | H. R. Bhapkar | Engineering Mathematics III, SPPU 2019 | | 2019 | 978-93-332-1303-5 | Yes | Technical Publications | Link |
| 46 | H. R. Bhapkar | Engineering Mathematics I, SPPU 2019 | | 2019 | 978-93-89420-20-3 | Yes | Technical Publications | Link |
| 47 | Prof. Vivek Vishnu Datar | Fundamentals of Banking I | Book | 2019 | 978-938-9104-85-1 | No | Nirali Publication | Link |
| 48 | Prof. Vivek Vishnu Datar | Fundamentals of Banking II | Book | 2019 | 978-938-9686-41-8 | No | Nirali Publication | Link |
| 49 | Dr. Wricha Mishra | Research into Design for a Connected World Proceedings of ICoRD 2019 Volume 2 | A study on elderly individuals' attitude towards ICTs. | 2019 | 978-981-13-5977-4 978-981-13-5976-7 | yes | Springer | Link |
| 50 | H. R. Bhapkar | Engineering Mathematics I, SPPU, 2019 | | 2019 | 978-93-89128-20-6 | Yes | Technical Publications | Link |
| 51 | H. R. Bhapkar | Mathematics I, RGPV 2019 | | 2019 | 978-93-332-2095-8 | Yes | Technical Publications | Link |
| 52 | H. R. Bhapkar | Mathematics 2 GTU 2019 | | 2019 | 978-93-332-0125-4 | Yes | Technical Publications | Link |
| 53 | H. R. Bhapkar | Mathematics I, GTU 2019 | | 2019 | 978-93-332-1989-9 | Yes | Technical Publications | Link |
| 54 | H. R. Bhapkar | Engineering Mathematics I, SPPU 2019 | | 2019 | 978-93-89420-64-7 | Yes | Technical Publications | Link |
| 55 | H. R. Bhapkar | Mathematics II, JNTU 2020 | | 2019 | 978-93-332-0097-4 | Yes | Technical Publications | Link |
| 56 | Prof. Dr. Virendra Virbhadra Shete | Electronic Devices & Circuits | | 2019 | 978-1-954461-12-3 | Yes | INSC International Publisher (IIP) | Link |
| 57 | Prof. Dr. Upasani Dhananjay Eknath | Electronic Devices & Circuits | | 2019 | 978-1-954461-12-3 | Yes | INSC International Publisher (IIP) | Link |
| 58 | Prof. Dr. T. Phani Madhavi | Environmental Awareness and the Role of Social Media | Importance of Social Media to Create Environmental Awareness in Sustainable Higher Education System | 2019 | ISBN13: 9781522552918; ISBN10: 152255291X ; ISBN13 Softcover: 9781522588245 ; EISBN13: 9781522552925 | Yes | IGI Global, USA | Link |
| 59 | Dr Geeta Rao | Services marketing | NA | 2020 | 938006416-0 | Yes | Nirali Publications | Link |
| 60 | Pranav Pathak | Biorefinery Production Technologies for Chemicals and Energy | Value-Added Products from Guava Waste by Biorefinery Approach | 2020 | 978-981-15-2065-5 | Yes | Scrivener publishing | Link |



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| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|--|--|---------------------|--------------------|--|---|----------------------|
| 61 | Sanket Bapat Reny Vyas | Advances in Bioengineering, in: R. Vyas (Ed.) | Modelling of Protein Complexes Involved in Signalling Pathway for Non-small Cell Lung Cancer | 2020 | 978-981-15-2065-6 | Yes | Springer | Link |
| 62 | Navya Sethu Renu Vyas | Advances in Bioengineering, in: R. Vyas (Ed.) | Overview of Machine learning methods in ADHD prediction | 2020 | 978-981-15-2065-7 | Yes | Springer | Link |
| 63 | Madhavi Bhongale Renu Vyas | Advances in Bioengineering, in: R. Vyas (Ed.) | Role of BioJava in the Department of Bioinformatics Tools | 2020 | 978-981-15-2065-8 | Yes | Springer | Link |
| 64 | Deeplai Ghorpade, Renu Vyas | Advances in Bioengineering, in: R. Vyas (Ed.) | Big Data Analytics for Handling NGS Data and Its Applications in Identifying Cancer Mutations | 2020 | 978-981-15-2065-9 | Yes | Springer | Link |
| 65 | Kedar R.N. | Advances in Bioengineering, in: R. Vyas (Ed.) | Polyunsaturated Fatty Acids Enhance the Recovery of Bone Marrow Impairment Caused After Radiation. | 2020 | 978-981-15-2065-10 | Yes | Springer | Link |
| 66 | Madhura Chandrashekar | Advances in Bioengineering, in: R. Vyas (Ed.) | Protein misfolding and Aggregation of Tau Protein and Alzheimer | 2020 | 978-981-15-2065-11 | Yes | Springer | Link |
| 67 | Nayana Patil | Advances in Bioengineering, in: R. Vyas (Ed.) | Epigenetic Toxicity of Nanoparticles | 2020 | 978-981-15-2065-12 | Yes | Springer | Link |
| 68 | Nayana A. Patil | Advances in Bioengineering, in: R. Vyas (Ed.) | Enzyme Technology Prospects and Their Biomedical Applications | 2020 | 978-981-15-2065-13 | Yes | Springer | Link |
| 69 | Chandrakant Tagad | Advances in Bioengineering, in: R. Vyas (Ed.) | Nanomaterial-Enabled Rapid Electrochemical Biosensors for Bacterial Pathogens. | 2020 | 978-981-15-2065-14 | Yes | Springer | Link |
| 70 | Pranav Pathak | Advances in Bioengineering, in: R. Vyas (Ed.) | Biorefineries: A Sustainable Approach for High Value-Added Products in Rural India | 2020 | 978-981-15-2065-15 | Yes | Springer | Link |
| 71 | Pranav Pathak | Advances in Bioengineering, in: R. Vyas (Ed.) | Sustainable Fruit Peel Waste Biorefinery: Challenges and Future Perspectives | 2020 | 978-981-15-2065-16 | Yes | Springer | Link |
| 72 | Preetam Bala | Advances in Bioengineering, in: R. Vyas (Ed.) | Smart Biopolymeric Nanocarriers for Drug Delivery Applications | 2020 | 978-981-15-2065-17 | Yes | Springer | Link |
| 73 | Dr. Priya Singh | Digital Body Language an important element in the Platform Skills for Business Management Students, Post Pandemic Virtual World | NA | 2020 | 978-81-942293-8-4 | Yes | International institute of organized research I2OR, India | Link |
| 74 | Dr Geeta Rao | Services marketing | NA | 2020 | 938006416-0 | Yes | Nirali Publications | Link |
| 75 | Nagesh Jadhav | Cross-Industry Use of Blockchain Technology and Opportunities for the Future Chapter - Redefining Trust and Disinter-Mediation With Blockchain in E-Governance | Redefining Trust and Disinter-Mediation With Blockchain in E-Governance | 2020 | 978-1-4503-8944-0 | Yes | IGI Global | Link |
| 76 | Prof Dr Upasani Dhananjay Eknath Prof Dr Virendra Virbhadra Shete | Electronic Devices & Circuits | NA | 2020 | 978-19-54461-12-3 | Yes | Iterative International Publisher IIP | Link |
| 77 | G.H.Athawale | Book name: Functional Food Ingredients | chapter- Lycopene- A natural Functional Ingredient | 2020 | 97893-90611-79-9 | Yes | Jaya Publishing Housing | Link |
| 78 | Wricha Mishra | NA | Alloentric and Egocentric Behaviour of People While Wayfinding | 2020 | 978-981-15-2696-1 | Yes | SPRINGER | Link |
| 79 | Wricha Mishra | NA | Towards the Identification of Dark Patterns: An Analysis Based on End-User Reactions | 2020 | 978-1-4503-8944-0 | Yes | ACM Digital Library | Link |
| 80 | Dr. Yogita V. Chavan | Food processing and preservation | NA | 2020 | 978-93-89184-91-4 | Yes | Scientific publisher, 2020 | Link |
| 81 | H. R. Bhapkar | Discrete Mathematics, SPPU 2019 | NA | 2020 | 978-93-332-2155-9 | Yes | Technical Publications | Link |
| 82 | H. R. Bhapkar | Engineering Mathematics III | NA | 2020 | 978-93-90450-59-6 | Yes | Technical Publications | Link |
| 83 | H. R. Bhapkar | Engineering Mathematics II, SPPU, 2020 | NA | 2020 | 978-93-89750-03-4 | Yes | Technical Publications | Link |
| 84 | H. R. Bhapkar | Threat analysis and attack modeling for machineto-machine communication toward Internet of things 2020 | NA | 2020 | 9783110625486 | Yes | De Gruyter | Link |
| 85 | Dr. Sunil V Dingare | Refrigeration and Air Conditioning | NA | 2020 | 9789389825 | Yes | Nirali Prakashan | Link |
| 86 | H. R. Bhapkar | Laplace Transforms, Numerical Methods &Complex variables, JNTU, 2020 | NA | 2020 | 978-93-89750-72-0 | Yes | Technical Publications | Link |
| 87 | H. R. Bhapkar | Discrete Mathematics, SPPU 2020 | NA | 2020 | 978-93-332-0276-3 | Yes | Technical Publications | Link |
| 88 | Dr. Sunil V Dingare | Engineering Thermodynamics | NA | 2020 | 9789389825 | Yes | Nirali Prakashan | Link |
| 89 | H. R. Bhapkar | Engineering Mathematics III (Comp/IT) | NA | 2020 | 978-93-90450-65-7 | Yes | Technical Publications | Link |
| 90 | H. R. Bhapkar | A Textbook of Discrete Mathematics | NA | 2020 | 978-81-947540-7-7 | Yes | Technical Publications | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|---|---|---------------------|----------------------------------|--|--|----------------------|
| 91 | H. R. Bhapkar | Rough Sets in COVID19 Predict Symptomatic Cases | NA | 2020 | 978-981-15-9682-7 | Yes | Springer | Link |
| 92 | Prof.Mohandas Pawar | Discrete Mathematics | NA | 2020 | 978-9389750669 | Yes | Technical Publications | Link |
| 93 | Nagesh Jadhav | Cross-Industry Use of Blockchain Technology and Opportunities for the Future. | NA | 2020 | 78-1-7998-3632-2 | Yes | IGI Global | Link |
| 94 | Patil-Rajpathak Y.; Patil N. | Epigenetic toxicity of nanoparticle | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 95 | Vyas R. | Advances in bioengineering | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 96 | Shukla R.S.; Aggarwal Y.; Sinha R.K.; Raut S.S. | Heart rate variability analysis in lung cancer patients to determine the effect of treatment | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 97 | Pathak P. | Medicinal properties of fruit and vegetable peels | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 98 | Sarode K.D. | Applications of deep learning in drug discovery | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 99 | Sirdeshmukh V.; Tagad C.; Vyas R.; Kale A. | Nanomaterial-enabled rapid electrochemical biosensors for bacterial pathogens | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 100 | Bapat S.; Momin S.; Vyas R. | Modelling of protein complexes involved in signalling pathway for non-small | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 101 | Kedar R.N. | Polyunsaturated fatty acids enhance the recovery of bone marrow impairment caused after radiation | NA | 2020 | 978-981152063-1; 978-981152062-4 | YES | Springer | Link |
| 102 | Birla S.; Singh G.; Kumhar P.; Gunjalkar K.; Sarode S.; Choubey S.; Pawar M. | NA | Disha-Indoor Navigation App | 2020 | 978-172818337-4 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 103 | Vijayan M.; Dobhal S. | NA | AasaNatak-Assisting Amateur theatre groups through live performance tracking and group management: A study on amateur theatre groups using user centric research methodologies to provide possible solutions for streamlining play practice and performance | 2020 | 978-145038944-0 | YES | Association for Computing Machinery | Link |
| 104 | Deshmukh A.; Sahasrabudhe S. | NA | Curating an OER course by applying the learner-centric MOOC model | 2020 | 978-986972146-2 | YES | Asia-Pacific Society for Computers in Education | Link |
| 105 | Maulekhi A.; Patani K.A.; Sangani V.; Pawar M.V. | NA | The Blockchain-based Smart Water Harvesting System | 2020 | 978-172815461-9 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 106 | Agnihotri D.; Ahmed S.; Darekar D.; Gadkari C.; Jaikar S.; Pawar M. | NA | A Secure Document Archive Implemented using Multiple Encryption | 2020 | 978-172815461-9 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 107 | Gathani J.; Shah K. | NA | NA | 2020 | 978-172818524-8 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 108 | Premprakash C.; Dhashinamoorthy S. | NA | MILAAP-Marriages in Lockdown: An Attempt to Augment Presence | 2020 | 978-145038944-0 | YES | Association for Computing Machinery | Link |
| 109 | Pangaonkar S.; Panat A. | NA | A Review of Various Techniques Related to Feature Extraction and Classification for Speech Signal Analysis | 2020 | 978-981151419-7 | YES | Springer | Link |
| 110 | Mathew K.; Patil N. | NA | Convective Heat Transfer on the Optimum Spacing of High Heat Dissipating Heat Sources—A Numerical Approach | 2020 | 978-981329930-6 | YES | Springer | Link |
| 111 | Bhujbal R.; Dingare S.V.; Nakate S. | NA | Mass transfer rate enhancement in sparged vessel for ammonia-water nano-fluid in VARS by adding nanoparticles | 2020 | 978-079-1884-59-1 | YES | American Society of Mechanical Engineers (ASME) | Link |
| 112 | Dingare S.V.; Kulkarni R.R.; Sane N.K. | NA | Experimental and numerical investigation of natural convection heat transfer from horizontal rectangular plate fin pin fin arrays | 2020 | 978-079-1884-59-1 | YES | American Society of Mechanical Engineers (ASME) | Link |



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|---------|---------------------------------------|---|---|---------------------|-------------------|--|--|----------------------|
| 113 | Dr. Gauri Athawale | <i>Technology for simulated chyanprash bar</i> | - | 2020 | 978-3-659-38062-4 | Yes | Lambert Academic Publishing | Link |
| 114 | Dr. Nagesh Jadhav | Cross-Industry Use of Blockchain Technology and Opportunities for the Future | Redefining Trust and Disinter-Mediation With Blockchain in E-Governance | 2020 | 9781799836322 | Yes | IGI global | Link |
| 115 | Dr. Geeta Rao | Service Operations Management | BOOK | 2020 | 978-81-947867-1-9 | Yes | Tech knowledge publications | Link |
| 116 | Dr. Yogita Chavan | Food processing and preservation | Food Irradiation | 2020 | 978-93-89184-91-4 | Yes | Scientific Publisher | Link |
| 117 | Dr. Pranav Pathak | Techno-Societal 2018 | Biorefineries: A Sustainable Approach for High Value-Added Products in Rural India | 2020 | 978-3-030-16848-3 | Yes | Springer | Link |
| 118 | Dr. Pranav Pathak | Advances in Bioengineering | Medicinal Properties of Fruit peel Waste | 2020 | 978-981-15-2062-4 | Yes | Springer | Link |
| 119 | Dr. Pranav Pathak | Biorefinery Production Technologies for Chemicals and Energy | Value-Added Products from Guava Waste by Biorefinery Approach | 2020 | 9781119593065 | Yes | Wiley | Link |
| 120 | Prof. Mayuresh Gulame | Beauty of Quality Measure: Image processing Approach | BOOK | 2020 | 9786202531696 | Yes | LAP LAMBERT Academic Publishing | Link |
| 121 | Dr. Priya Singh & Prathamesh Nadkarni | Interdisciplinary research for sustainable Development | Digital Body Language an important element in the Platform Skills for Business Management Students, Post Pandemic Virtual World | 2020 | 978-81-942293-8-4 | Yes | Taylor & Francis | Link |
| 122 | Dr. Nayana Patil | Advances in Bioengineering | Enzyme technology prospectus & their Biomedical Applications | 2020 | 978-981-15-2062-4 | Yes | Springer | Link |
| 123 | Dr. Nayana Patil | Advances in Bioengineering | Epigenetic toxicity of nanoparticles | 2020 | 978-981-15-2062-4 | Yes | Springer | Link |
| 124 | H. R. Bhapkar | Discrete Mathematics, SPPU 2019 | | 2020 | 978-93-332-2155-9 | Yes | Technical Publications | Link |
| 125 | H. R. Bhapkar | Engineering Mathematics III | | 2020 | 978-93-90450-59-6 | Yes | Technical Publications | Link |
| 126 | H. R. Bhapkar | Engineering Mathematics II, SPPU, 2020 | | 2020 | 978-93-89750-03-4 | Yes | Technical Publications | Link |
| 127 | H. R. Bhapkar | Threat analysis and attack modeling for machineto-machine communication toward Internet ofthings 2020 | | 2020 | 978-31-10625-48-6 | Yes | De Gruyter | Link |
| 128 | H. R. Bhapkar | A Textbook of Discrete Mathematics | | 2020 | 978-81-947540-7-7 | Yes | Technical Publications | Link |
| 129 | H. R. Bhapkar | Engineering Mathematics III, SPPU 2020 | | 2020 | 978-93-332-1429-2 | Yes | Technical Publications | Link |
| 130 | H. R. Bhapkar | Virus Graph and COVID-19 Pandemic: A GraphTheory Approach 2020 | | 2020 | 978-3-030-55258-9 | Yes | Springer | Link |
| 131 | H. R. Bhapkar | Laplace Transforms, Numerical Methods &Complex variables, JNTU, 2020 | | 2020 | 978-93-89750-72-0 | Yes | Technical Publications | Link |
| 132 | H. R. Bhapkar | Discrete Mathematics, SPPU 2020 | | 2020 | 978-93-332-0276-3 | Yes | Technical Publications | Link |
| 133 | Dr. Atul Patil | Readings In English Language, Literature and Linguistics | - | 2020 | 9788194729488 | Yes | aarsh PUBLICATIONS | Link |
| 134 | Prof. Vivek Vishnu Datar | Banking and Finance-I | Book | 2020 | 9788194758655 | No | Nirali Publication | Link |
| 135 | Prof. Vivek Vishnu Datar | Banking and Finance BBA | Book | 2020 | 9789390225705 | No | Nirali Publication | Link |
| 136 | Dr. Wricha Mishra | Design for Tomorrow—Volume 3 Proceedings of ICoRD 2021 | Changing the Traditional Lingerie Shopping Experience through an Interactive Design | 2020 | 978-981-16-0084-5 | Yes | Springer | Link |
| 137 | Dr. Wricha Mishra | Innovative Product Design and Intelligent Manufacturing Systems Select Proceedings of ICIPDIMS 2019 | Alloentric and Egocentric Behaviour of People While Wayfinding. | 2020 | 978-981-15-2696-1 | Yes | Springer | Link |
| 138 | Dr. Wricha Mishra | IndiaHCI '20: Proceedings of the 11th Indian Conference on Human-Computer Interaction | Towards the Identification of Dark Patterns: An Analysis Based on End-User Reactions | 2020 | 978-1-4503-8944-0 | Yes | Association for Computing MachineryNew YorkNYUnited States | Link |
| 139 | Dr. Wricha Mishra | Convergence of Ergonomics & Design | A Digital Assistance in the -Case Study of the Newspaper Vendors in India | 2020 | 978-3-030-63335-6 | Yes | Springer | Link |
| 140 | Dr. Wricha Mishra | Technology Enabled Ergonomic Design Select Proceedings of HWWE 2020 | Adjustable Design Intervention for Rail Sahayaks to reduce physical discomfort | 2020 | 978-981-16-6982-8 | Yes | Springer | Link |
| 141 | Dr. Wricha Mishra | ICT for Competitive Strategies Proceedings of 4th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2019), December 13th-14th, 2019, Udaipur, Indi | User Centred System Design for Indian Railway Parcel Service | 2020 | 9781003052098 | Yes | CRC Press Taylor & Francis group | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|---|---|---------------------|-------------------|--|---|----------------------|
| 142 | Prof. Dr. Virendra Virbhadra Shete | Digital Communication | | 2020 | 202221024450 | Yes | INSC International Publisher (IIP) | Link |
| 143 | Prof. Dr. Upasani Dhananjay Eknath | Digital Communication | | 2020 | 202221024450 | Yes | INSC International Publisher (IIP) | Link |
| 144 | Prof. Dr. Upasani Dhananjay Eknath | Machine Learning with Python | | 2020 | 978-1954461116 | Yes | InSc International Publisher (1 January 2021) | Link |
| 145 | Prof. Dr. Virendra Virbhadra Shete | Machine Learning with Python | | 2020 | 978-1954461116 | Yes | InSc International Publisher (1 January 2021) | Link |
| 146 | A A Bhange, H R Bhapkar | Perfect Coloring by HB Color Matrix Algorithm Method | NA | 2021 | 9781003272649 | Yes | CRC Press | Link |
| 147 | Prof. Govind Ghule | Advances in Engineering Design | Ultrasonic Vibratons Assisted Turning (UAT): A Review | 2021 | 978-981-33-4684-0 | Yes | Material Today | Link |
| 148 | Dhanashri Mirajkar | Traditional Water Systems of India: Water Culture for better living | The Leaves of Knowledge | 2021 | 978-93-91689-49-0 | Yes | Shri Kumarswami Mahavidyalaya, Ausa, Latur, MS, INDIA | Link |
| 149 | Dhanashri Mirajkar | Jal Saskruti Che Sanvardhan Ani Avalambaha Shashwat Shahri Niyojanache Susutra | Shodhnibandh Pustika | 2021 | 978-93-5780-547-6 | Yes | Shodhnibandh Pustika | Link |
| 150 | Dr Anand Kopare | BUSINESS MANAGEMENT | NA | 2021 | 978 93 90483 32 7 | Yes | Prashant Publications | Link |
| 151 | Dr Geeta Rao | Service Operations Management | NA | 2021 | 978-81-947867-6-4 | Yes | Techknowledge Publications | Link |
| 152 | Manoj Patowary | Book - Nanostructured Materials for Photoelectrochemical Water Splitting Chapter | NA | 2021 | 978-0-7503-3699-4 | Yes | IOP Science | Link |
| 153 | Dr Rekha Sugandhi | Industry 4.0 in Small and Medium-Sized Enterprises SMEs | Machinery Fault Detection using Artificial Intelligence in Industry 4.0 | 2021 | 9781003200857 | Yes | CRC Press | Link |
| 154 | Dr Virendra Bhojwani | Techno-Societal 2020 | SCADA System Applied to Two-Wheeler Chassis Dynamometer | 2021 | 978-3-030-69925-3 | Yes | Springer Cham | Link |
| 155 | Dr Virendra Bhojwani | Techno-Societal 2020 | Finite Element Analysis to Predict Performance of Flexure Bearing for Space Application | 2021 | 978-3-030-69925-3 | Yes | Springer Cham | Link |
| 156 | Dr Sudarshan Sanap | Techno-Societal 2020 | FE Analysis of the Glass Jute Polyester Bone Plate Versus Traditional Metal Plate for Ulna Bone Fracture | 2021 | 978-3-030-69925-3 | Yes | Springer Cham | Link |
| 157 | Dr Sachin pawar | Techno-Societal 2020 | Experimental Analysis of Piezo-Beam in the Context of Vibratory Energy Harvesting | 2021 | 978-3-030-69925-3 | Yes | Springer Cham | Link |
| 158 | Dr Sudarshan Sanap | Techno-Societal 2020 | Performance Evaluation of Molybdenum Disulfide Based Cutting Fluids Under Near-Dry Machining as an Environment-Friendly Technique | 2021 | 978-3-030-69925-3 | Yes | Springer Cham | Link |
| 159 | Prof Upasani Dhananjay Prof Virendra shete | Digital Communication | NA | 2021 | 978-1-954461-13-0 | Yes | INSC International Publisher IIP | Link |
| 160 | Prof Dr Upasani Dhananjay Eknath Prof Dr Virendra Virbhadra Shete | Machine Learning with Python | NA | 2021 | 978-1954461116 | Yes | InSc International Publisher 1 January 2021 | Link |
| 161 | Prof Nishigandha Patel | Techno-Societal 2020 | Performance Investigation of Mitticool Refrigerator | 2021 | 978-3-030-69925-3 | Yes | Springer Cham | Link |
| 162 | Dr. Neeti Trivedi | Archiving Architectural Thesis 2020 | NA | 2021 | 978-93-84204-17-4 | Yes | COA TRC | Link |
| 163 | Prof Mangesh Dhavalikar | NA | Design, Control and Data Management for Cleaning-in-Place (CIP) Test Rig Used in Process Industries | 2021 | 978-3-030-58675-1 | Yes | Springer, Cham. | Link |
| 164 | Ar. Gautami Sathe | NA | Need of green building and sustainabiity to reducing energy consumption & improve overall quality of life | 2021 | 978-93-92823-02-2 | Yes | International Conference on Blurred Boundaries : In Search of an Identity | Link |
| 165 | Dr. Vasim Tamboli | Task based speaking assessment to develop lexical and syntactic complexity: Implications for ESL learning | Task based Language Teaching and Assessment. | 2021 | 9789811642258 | Yes | Springer Nature: Singapore | Link |
| 166 | Wricha Mishra | NA | Changing the Traditional Lingerie Shopping Experience through an Interactive Design | 2021 | 978-9811-600432 | Yes | SPRINGER | Link |



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|---------|---|---|---|---------------------|-------------------|--|--|----------------------|
| 167 | Dr Sudarshan Sanap | NA | FE Analysis of the Glass/Jute/Polyester Bone Plate Versus Traditional Metal Plate for Ulna Bone Fracture | 2021 | 978-3-030-69925-3 | Yes | Springer, Cham. | Link |
| 168 | Wricha Mishra | NA | Persuasive design for sustainable Mobility | 2021 | 978-145-03-9607-3 | Yes | ACM Digital Library | Link |
| 169 | wricha Mishra | NA | FISH HEALTHCARE IN HOME AQUARIUMS : AQUATURE- AN ASSISTIVE SYSTEM | 2021 | 978-145-03-9607-3 | Yes | ACM Digital Library | Link |
| 170 | Ar. Ashwini Ghayal | NA | Recommendations for the design approach of kids play areas in residential complexes in Pune city. | 2021 | 978-93-5473-568-4 | Yes | International Conference on Blurred Boundaries : In Search of an Identity | Link |
| 171 | Prof. Dr. Reena Gunjan | NA | Transfer Learning based Video Summarization in Wireless Capsule Endoscopy | 2021 | NA | Yes | SPRINGER | Link |
| 172 | Dr Mathew V K | Constraint Handling in Metaheuristics and Applications | Role of Constrained Optimization Technique in the Hybrid Cooling of High Heat Generating IC Chips Using PCM-Based Mini-channels | 2021 | 9789813367104 | Yes | Springer Singapore | Link |
| 173 | Banerjee S.;Chowdhury A.;Srivastava A. | NA | Creating Awareness About Health and Hygiene During Menstrual Cycle Among Indian Adolescent Girls Using Virtual Reality | 2021 | 978-981-15-9853-1 | Yes | Springer | Link |
| 174 | Gunjal S.U.;Sanap S.B.;Jadhav L.;Patil N.G. | NA | Role of Bio-cutting Fluids Under Minimum Quantity Lubrication: An Experimental Investigation of a Sustainable Machining Technique | 2021 | 978-981-33-4320-7 | Yes | Springer | Link |
| 175 | Anuja Zade Anuja Jadhav, Roshani Raut, Ram Joshi, Pranav Pathak | Examining the Impact of Deep Learning and IoT on Multi-Industry Applications | NA | 2021 | 9781799875178 | Yes | IGI Global | Link |
| 176 | Pooja Kamat ., Pallavi Marni ., Lester Cardoz ., Arshan Irani ., Anuj Gajula ., Akash Saha ., Satish Kumar ., Rekha Sugandhi ., | NA | Bearing Fault Detection Using Comparative Analysis of Random Forest, ANN, and Autoencoder Methods | 2021 | 978-981-16-1089-9 | Yes | Springer | Link |
| 177 | Dutta Roy, Shoubhik and Mishra, Wricha | NA | Brand Style DNA in Consumer Products: Decoding Strategies from a Design Perspective | 2021 | 978-981-16-0041-8 | Yes | Springer | Link |
| 178 | Patunkar P.;Dingare S.V. | NA | Theoretical Analysis of Geometrically Modified Dew Point Evaporative Cooler | 2021 | 978-0-7918-8567-3 | Yes | ASME | Link |
| 179 | Sachin B. Takale, Dr. Shashikant D. Lokhande | NA | Quality of Service based and Energy Efficient Routing Algorithm in Wireless Sensor Networks | 2021 | 978-1-6654-2778-4 | Yes | IEEE | Link |
| 180 | Gondkar A.;Gandhi R.;Jadhav N. | NA | Facial Emotion Recognition using Transfer Learning: A Comparative Study | 2021 | 978-1-6654-1836-2 | Yes | IEEE | Link |
| 181 | Ghorpade N.;Bhapkar H.R. | NA | Brain MRI segmentation and tumor detection: Challenges, techniques and applications | 2021 | 978-1-6654-1272-8 | Yes | IEEE | Link |
| 182 | Bhange A.A.;Bhapkar H.R. | NA | Relation Between Perfect Colouring and Chromatic Number for Snake Graph Family | 2021 | 978-981-33-4073-2 | Yes | springer | Link |
| 183 | Bhapkar H.R.;Mahalle P.N.;Shinde G.R.;Mahmud M. | Rough Sets in COVID-19 to Predict Symptomatic Cases | NA | 2021 | 978-981-15-9682-7 | Yes | springer | Link |
| 184 | Anuja Shinde Dr. Neeti Trivedi | NA | Transformation of National Highway to an Urban Road: Case of Pimpri Chinchwad | 2021 | 978-93-5583-037-1 | Yes | Proceedings of the Second National Online Conference on Planning, Design and Management - 2022 (NOCPDM-2022) | Link |
| 185 | Peerapur A.U.;Dhavalikar M.N.;Dingare S.V.;Patle B.K. | A Proposed Method for Online Condition Monitoring of Pneumatic Systems Under Different Operating Conditions and Parameters for Optimal Energy Consumption | A Proposed Method for Online Condition Monitoring of Pneumatic Systems Under Different Operating Conditions and Parameters for Optimal Energy Consumption | 2021 | 978-0-7918-8569-7 | Yes | ASME | Link |



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|---------|--|---|---------------------------------|---------------------|-------------------|--|-----------------------|----------------------|
| 186 | Gholap, Tanmay B and Salokhe, Raturaj V and Ghadage, Ganesh V and Mane, Shankar V and Bajaj, Dinesh Kumar and Sahoo, Devabrata | Computational Aerodynamics of an AK-47 Rifle 's 70.82 mm Bullet in Proximity to a Near Wall | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 187 | Tembhurnikar, Payal and Bhosale, Mrunal and Bote, Pramila and Jadhav, Shreya and Gorfad, Vijaykumar and Sahoo, Devabrata | Computational Analysis of Flow Field Over Missile Separated from Weapon Bay Cavity at Mach 2 and 5 | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 188 | Gholap, Tanmay B and Salokhe, Raturaj V and Ghadage, Ganesh V and Mane, Shankar V and Sahoo, Devabrata | Computational Study on Base Drag Reduction for a Boat-tailed Axisymmetric Jet Nozzle Through Base Geometry Modifications | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 189 | Gholap, Tanmay B and Adithya, M and Bolla, Deepthi Chowdary and Sahoo, Devabrata and others | A Two-Dimensional Computational Analysis Over an Open Cavity with a Shock Impingement | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 190 | Dhanlobhe, Mayuri M and Nale, Pritee D and Shejwal, Vishal S and Suryawanshi, Pratik A and Sahoo, Devabrata | Performance Study of Supersonic Air-intake Adopting Double Bump | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 191 | Manoj Patowary | Large scale materials for visible-light-photocatalysis. Nanostructured | NA | 2021 | 978-0-12-823018-3 | Yes | IEEE | Link |
| 192 | Manoj Patowary | Phosphides and nitrides for photoelectrochemical water splitting. | NA | 2021 | 978-0-7503-3699-4 | Yes | IOP Science | Link |
| 193 | Kore, Rushikesh and Patil, Shreya and Victor, Valentina and Suresh, S and Bajaj, Dinesh Kumar | CFD Investigation in CD Nozzle at Different Convergence Angles and Constant Divergence Angle and Throat Diameter | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 194 | Bhalerao, Tathagat and Bhatt, Divyansh and Darekar, Ajinkya and Bajaj, DineshKumar | Study on Aerodynamic Characteristics of Distributed Propulsion System (DPS) | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 195 | Pagar N.D.;Patil A.R. | LIFE AUGMENTATION of TURBINE EXHAUST SYSTEM COMPENSATORS THROUGH INTEGRATED MADM OPTIMIZATION APPROACH of STRESS BASED FATIGUE CYCLES | NA | 2021 | 978-0-7918-8553-6 | Yes | IEEE | Link |
| 196 | Pagar N.D.;Sanap S.B. | INVESTIGATIONS on STRUCTURAL INTEGRITY of PIPING COMPENSATORS under ANGULAR ROTATIONAL DEFORMATION | NA | 2021 | 978-0-7918-8553-6 | Yes | IEEE | Link |
| 197 | Kathar, Shashank and Hardel, Harsh and Alam, Zeeshan and Phansalkar, Shraddha and Sajjan, Rajani | Auction System for Agricultural Trade Using Blockchain Technology: A Survey with Proposed Framework | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 198 | Ghule G.S.;Sanap S. | Ultrasonic Vibrations Assisted Turning (UAT): A Review | NA | 2021 | 978-981-33-4684-0 | Yes | springer | Link |



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|---------|---|---|--|---------------------|----------------------------------|--|---|----------------------|
| 199 | Pawar M.V.;Pawar A.M.;Bhupkar H.;Anuradha J.;Bachate R.;Sharma A.;Bhoyar S.;Shardoor N. | Artificial intelligence-based solutions for COVID-19 | NA | 2021 | 978-0-323-90769-9 | Yes | elsevier | Link |
| 200 | Patowary M.;Kalita H. | Large-scale materials for visible light photocatalysis | NA | 2021 | 978-0-12-823018-3 | Yes | elsevier | Link |
| 201 | Pangaonkar S.;Gunjan R.;Shete V. | Recognition of Human Emotion through effective estimations of Features and Classification Model | NA | 2021 | 978-1-6654-1509-5 | Yes | IEEE | Link |
| 202 | Bajaj R.;Garg S.;Kulkarni N.;Raut R. | Sea Debris Detection Using Deep Learning : Diving Deep into the Sea | NA | 2021 | 978-1-7281-9951-1 | Yes | IEEE | Link |
| 203 | Chaudhari P.;Kulkarni N.;More P. | AntiSpoofing for Facial Recognition Through Separable Convolution | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 204 | Chakravarty A.;Jibhakate K.;Jadhav M.;Kulkarni N. | File-Share App - A Collaborative Tool | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 205 | Kaur S.;Kulkarni N. | A Deep Learning Technique for Emotion Recognition Using Face and Voice Features | NA | 2021 | 978-1-6654-4479-8 | Yes | IEEE | Link |
| 206 | Ugale S.;Thakur N. | Impact of Indian Culture-Oriented Color, Material, and Finish (CMF) Design on Contemporary Products | NA | 2021 | 978-981-16-0041-8 | Yes | IEEE | Link |
| 207 | Vaishnavi D. Sutwane, Anandrao Jadhav, Bhagyashri Patil | Proceedings of First National Conference On Sustainable Innovative Trends In Civil Engineering | Retrofitting of RC Element-COLUMN | 2021 | 9788192705101 | Yes | | Link |
| 208 | Shailesh Rajnarayan Singh, Dr. Kishore Ravande, Rajshekhar Rathod | Proceedings of First National Conference On Sustainable Innovative Trends In Civil Engineering | Traffic Study and Road Safety Assessment at Bus Terminal Junction, Hadapsar, Pune: A Review | 2021 | 9788192705101 | Yes | | Link |
| 209 | Badal B Bankar, Dr. Satish B Patil, Rajshekhar Rathod | Proceedings of First National Conference On Sustainable Innovative Trends In Civil Engineering | Effect of Cement & Geotextile On the Properties of Black Cotton Soil | 2021 | 9788192705101 | Yes | | Link |
| 210 | Er.Sumit S. Waikar,Er. Kshitij P. Dhekane, Prof. Rajshekhar Rathod, Prof. Gauri Desai | Proceedings of First National Conference On Sustainable Innovative Trends In Civil Engineering | Behaviour Of Stone Mastic Asphalt Using Various Fibres: A Review | 2021 | 9788192705101 | Yes | | Link |
| 211 | Kshitij P.Dhekane, Sumit S. Waikar, Rajshekhar Rathod | Proceedings of First National Conference On Sustainable Innovative Trends In Civil Engineering | Experimental Analysis Of Reclaimed Asphalt Pavement: A Review | 2021 | 9788192705101 | Yes | | Link |
| 212 | Er. Sayli A. Wadkar, Er. Rajshekhar Rathod | Proceedings of First National Conference On Sustainable Innovative Trends In Civil Engineering | Industrial Waste Products As Admixtures For Expansive Soil : A Review | 2021 | 9788192705101 | Yes | | Link |
| 213 | Dr Virendra Bhojwani | Research Methodology and IPR | NA | 2021 | 9789354513855 | Yes | Nirali Publications | Link |
| 214 | Sonal Nirmal Dr. Neeti Trivedi | NA | Exploring the Cultural Geography of the Built Environment of a Traditional Settlement: Walawal in Konkan | 2021 | 978-93-92774-00-3 | Yes | Virtual National conference on Rural Architecture & Regional Planning | Link |
| 215 | H. R. Bhupkar | Artificial Intelligence based solutions for COVID- 19 | NA | 2021 | 978-0-323-90769-9 | Yes | Elsevier | Link |
| 216 | H. R. Bhupkar | Quality of Work-Life During Pandemic 2021 | NA | 2021 | 978-981-16-7522-5 | Yes | Springer | Link |
| 217 | H. R. Bhupkar | Perfect Coloring by HB Color Matrix Algorithm,Method, Graph Learning and Network Science 2022 | NA | 2021 | 9781003272649 | Yes | CRC Press | Link |
| 218 | Manoj Patowary | Large-scale materials for visible light photocatalysis | NA | 2021 | 978-0-12-823018-3 | Yes | Elsevier | Link |
| 219 | Manoj Patowary | Phosphides and nitrides for photoelectrochemical water splitting | NA | 2021 | 978-0-7503-3697-0 | Yes | IOP Publishing | Link |
| 220 | Dr. Mathew V. K. | Hybrid Genetic Optimization for IC Chips Thermal Control | NA | 2021 | 9781003188506 | Yes | Chapman and Hall/CRC | Link |
| 221 | Shinde S.; Munot P.; Hivarkar Y.; Patil S.; Patwardhan A. | Exploration of microbial ecology and diversity in hotspots | NA | 2021 | 978-032390148-2; 978-032390149-9 | Yes | Elsevier | Link |



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|---------|---|---|---|---------------------|----------------------------------|--|--|----------------------|
| 222 | Pawar M.V.; Pawar P.; Pawar A.M. | HealthWare telemedicine technology (HWT) evolution map for healthcare | NA | 2021 | 978-032385810-6; 978-032385854-0 | Yes | Elsevier | Link |
| 223 | Rani P.; Hasan K. | A rising star in the regional segment: Bhojpuri television | | 2021 | 978-100047007-9; 978-036721077-9 | Yes | Taylor and Francis | Link |
| 224 | Vaz M.; Yamgekar V.; Sharma R.; Pawar A. | NA | Talent Evaluator Using Adaptive Testing | 2021 | 978-166540520-1 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 225 | Malhotra A.; Makwana C. | NA | Transcutaneous Electrical Nerve Stimulation (TENS) based Assistive Device for Surgeons | 2021 | 978-172818876-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 226 | Kedari P.; Kapile M.; Kadole D.; Jaikar S. | NA | Face Emotion Detection Using Deep Learning | 2021 | 978-172817136-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 227 | Jagtap R.; Inamdar U.; Dere S.; Fatima M.; Shardoor N.B. | NA | Habitability of exoplanets using deep learning | 2021 | 978-166544067-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 228 | Chowdhury S.; Nandi A.; Ahmad M.; Jain A.; Pawar M. | NA | A Comprehensive Survey for Detection and Prevention of SQL Injection | 2021 | 978-166540520-1 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 229 | Srivastava S.; Lalit Gandhi S.; Sunil Jondhale S.; Kudupoje A. | NA | Wingman: Your Digital Drinking Companion | 2021 | 978-145039607-3 | Yes | Association for Computing Machinery | Link |
| 230 | Gondkar A.; Thukrul J.; Bang R.; Rakshe S.; Sarode S. | NA | Stock Market Prediction and Portfolio Optimization | 2021 | 978-073813215-0 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 231 | Talele V.; Chandak A.; Mathew V.K. | NA | CFD analysis of Lithium-ion Batteries for longer shelf-life using energy storage material | 2021 | 978-166542146-1 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 232 | Roy P.; Rao P.; Gajre J.; Katake K.; Jagtap A.; Gajmal Y. | NA | Comprehensive analysis for fraud detection of credit card through machine learning | 2021 | 978-172818519-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 233 | Saner A.; Sharma A.; Patil A.; Soni A.; More P. | NA | Dynamic Color Recognition for Video Game Controller | 2021 | 978-166541509-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 234 | Dere S.; Fatima M.; Jagtap R.; Inamdar U.; Shardoor N.B. | NA | Anomaly Detection in Astronomical Objects of Galaxies Using Deep Learning | 2021 | 978-166540520-1 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 235 | Bajaj P.; Ray R.; Shedje S.; Jaikar S.; More P. | NA | Synchronous System for Driver Drowsiness Detection Using Convolutional Neural Network, Computer Vision and Android Technology | 2021 | 978-166540520-1 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 236 | Valeja Y.; Pathare S.; Patel D.; Pawar M. | NA | Traffic Sign Detection using Clara and Yolo in Python | 2021 | 978-166540520-1 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 237 | Vichare M.; Thorat S.; Uberoi S.; Khedekar S.; Jaikar S. | NA | Toxic Comment Analysis for Online Learning | 2021 | 978-172817136-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 238 | Kane A.N.; Jadhav A.S.; Sahamate S.; Kokare V.; Jadhav K.B. | NA | Review of Aircraft Crash Reports and Engine Pod Location | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 239 | Oswal M.; Mahajan K.; Pagare S.; Kasa V.; Malhotra J.; Sarode S. | NA | Feature-Based Analytical Crop Recommendation System | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 240 | Bobhate R.; Malhotra J. | NA | Slack feedback analyzer (SFbA) | 2021 | 978-981156875-6 | Yes | Springer | Link |
| 241 | Chowdhury A.; Karkun P. | NA | Strategies of Affective Instructional Design for Elderly | 2021 | 978-981159852-4 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 242 | Agnihotri D.; Ahmed S.; Darekar D.; Gadkari C. | NA | Examination of Fake Reviews of Product and Approach to Filter them from Legitimate Reviews | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 243 | Sanghvi N.; Bihani V.; Shaikh M.; Gaikwad V.; Sharmale R.; Singh Y. | NA | Design and Analysis of the External Structure and Internal Configuration of ÆtherSat | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |



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|---------|---|--|---|---------------------|-------------------|--|--|----------------------|
| 244 | Bansode G.; Jha D.K.; Hasabnis A.; Nayak A.; Pagare R. | NA | A Transfer Learning Approach for Descriptive Question Answering System | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 245 | Shaikh M.; Ravuri N.; Bihani V.; Phalphale A.; Sanghvi N.; Singh Y. | NA | Design of a Solar-tracking Mechanism in the EPS of ÆtherSat | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 246 | Dere S.; Fatima M.; Jagtap R.; Inamdar U.; Shardoor N. | NA | Anomalous Behavior Detection in Galaxies and Exoplanets using ML DL Techniques | 2021 | 978-166543368-6 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 247 | Vaidya A.S.; Bharam S.J.; Chiplunkar S.R.; Jadhav K.B. | NA | Comparison between Different Patch Shapes of Bonded Composite Repairs on Metal Matrix Composite: A Numerical Analysis | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 248 | Patro P.; Azhagumurugan R.; Sathya R.; Kumar K.; Kumar T.R.; Babu M.V.S. | NA | A hybrid approach estimates the real-time health state of a bearing by accelerated degradation tests, Machine learning | 2021 | 978-166548297-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 249 | Phalphale A.; Gaikwad V.; Sharmale R.; Ravuri N.; Bihani V.; Singh Y. | NA | Optimal Power Generation and Thermal Analysis for ÆtherSat | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 250 | Gholap T.B.; Salokhe R.V.; Ghadage G.V.; Mane S.V.; Bajaj D.K.; Sahoo D. | NA | Computational Aerodynamics of an AK-47 Rifle's 70.82 mm Bullet in Proximity to a Near Wall | 2021 | 978-166544479-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 251 | Rajemahadik C.F.; Kulkarni M.M.; Durge R.S.; Kamble A.R.; Babar S.B.; Bansode P.A. | NA | Investigating load withstand by l-shape concrete cube, rcc slab and to safeguard reinforcement of rcc slab in saltwater environment using cathodic protection | 2021 | 978-981155234-2 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 252 | Dr. Sunita M Karad, Dr. Chabbi Sinha, Dr. Geeta Rao, Dr. Gondane, Dr. Padmakar Sahare | A Critical Approach to Service Marketing | | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 253 | Dr Sunita Karad | A Critical Approach to Service Marketing | Introduction to Service Marketing | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 254 | Dr. Chabbi Sinha | A Critical Approach to Service Marketing | Growth and Evaluation of Service marketing | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 255 | Dr. Geeta Rao | A Critical Approach to Service Marketing | Pricing of Services | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 256 | Dr. Vijaya Gondane | A Critical Approach to Service Marketing | Service Promotion and Communication mix | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 257 | Dr Sunita Karad | A Critical Approach to Service Marketing | Service Channels | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 258 | Dr Padmakar Sahare | A Critical Approach to Service Marketing | Service Marketing Segmentation | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 259 | Dr. Chabbi Sinha | A Critical Approach to Service Marketing | Positioning | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 260 | Dr. Vijaya Gondane | A Critical Approach to Service Marketing | Applications of Services Marketing | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 261 | Dr Padmakar Sahare | A Critical Approach to Service Marketing | Service Marketing Models | 2021 | 978-93-93729-54-5 | Yes | Skylight Publication, Pune | Link |
| 262 | Dr Sangita B. Phunde | Comprehensive Study of Database Management System - SQL (Oracle 10g) | | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 263 | Mrs. Sangita B. Phunde | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Introduction to SQL | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 264 | Dr Sunita Karad | Comprehensive Study of Database Management System - SQL (Oracle 10g) | The CREATE TABLE Statement | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 265 | Dr. Archana N Singh | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Data Manipulation Language (DML) | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 266 | Dr Sheetal Patil | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Database Transactions (DCL) | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--------------------------------|--|--|---------------------|-------------------|--|--|----------------------|
| 267 | Dr. Satyakaam Rahul | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Data Query Language (DQL- Select Statement) | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 268 | Dr. Sheetal Patil | Comprehensive Study of Database Management System - SQL (Oracle 10g) | SQL Functions | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 269 | Dr Alkawati Magdum | Comprehensive Study of Database Management System - SQL (Oracle 10g) | JOINS | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 270 | Prof Monika Jadhav | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Group By | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 271 | Dr Ashwin Tomar | Comprehensive Study of Database Management System - SQL (Oracle 10g) | SubQuery | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 272 | Prof Hanif Pathan | Comprehensive Study of Database Management System - SQL (Oracle 10g) | View | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 273 | Dr. Archana N Singh | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Sequence | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 274 | Dr. Archana N Singh | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Index | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 275 | Dr Sheetal Patil | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Synonyms | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 276 | Dr Sangita Patil | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Controlling User Access | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 277 | Prof Monika Jadhav | Comprehensive Study of Database Management System - SQL (Oracle 10g) | Using Set Operators | 2021 | 978-93-93729-20-0 | Yes | Skylight Publication, Pune | Link |
| 278 | Dr.Geeta Rao | Emerging Business Practices And Trends During COVID-19 | A Study on Changing Trends in Work-force post COVID-19(chapter) | 2021 | 978-93-90548-96-5 | Yes | Book Rivers publishers | Link |
| 279 | Dr.Geeta Rao | Services Marketing | BOOK | 2021 | 9788119117659 | Yes | Nirali Prakashan | Link |
| 280 | Dr.Geeta Rao | Change Management | | 2021 | 978-93-89184-91-4 | Yes | | Link |
| 281 | Dr. Pranav Pathak | Bioresource Utilization and Management: Applications in Therapeutics, Biofuels, Agriculture, and Environmental Science | Fruit Peel Waste "Biorefinery" and Sustainability Issues | 2021 | 9781774638132 | Yes | Apple Academic Press | Link |
| 282 | Prof. Amit Tyagi | Lensight | The legacy Of Prabhat Film Company | 2021 | ISSN 2395-4604 | Yes | Film and Television Institute Of India | Link |
| 283 | Prof. Mayuresh Gulame | Malaria Parasite Detection In Blood Smear Images: A Biomedical Approach | BOOK | 2021 | 978-6203862041 | Yes | LAP LAMBERT Academic Publishing | Link |
| 284 | Prof. Mayuresh Gulame | Energy efficient device to device communication: Device-to-Device Communication in cellular communication | BOOK | 2021 | 978-6203927719 | Yes | LAP LAMBERT Academic Publishing | Link |
| 285 | Prof. Dr.Amol Shriram Deshmukh | दंडार नाट्याचा खेळ | Book | 2021 | 978-93-5426-667-6 | Yes | Director, SCZCC,Nagpur, Ministry of culture, Govt.of India | Link |
| 286 | Dr. Prasad Deepak Dandekar | NA | Structure–activity relationships of pancreatic α -amylase and α -glucosidase as antidiabetic targets | 2021 | 978-0-12-819489-8 | Yes | Elsevier B.V | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|--|---|---------------------|--|--|---|----------------------|
| 287 | Prof. Shakti Banerjee | Advanced Manufacturing Systems and Innovative Product Design | Creating awareness about health and hygiene during menstrual cycle among Indian adolescent girls using virtual reality. | 2021 | 978-981-15-9852-4 | Yes | Springer, Scopus | Link |
| 288 | Prof. Shakti Banerjee | Encyclopedia of Computer Graphics and Games | Strategies for Design and Development of Serious Games: Indian Perspective. | 2021 | 978-3-319-08234-9 | Yes | Springer Cham | Link |
| 289 | Ajita Deshmukh | Do you have an e-learning style?: Designing a personalised e-learning environment | Digital India and Education | 2021 | 978-93-91260-48-4 | Yes | Eureka Publications | Link |
| 290 | Prof. Dr. T. Phani Madhavi | Handbook of Research on "Multidisciplinary Perspectives on Managerial and Leadership Psychology" | Engrafting Innovation and Leadership in Civil Engineering Education | 2021 | 9781799838111 | Yes | IGI Global, USA | Link |
| 291 | Dr. Jayashree Rajesh Prasad | Artificial Intelligence and Machine Learning for EDGE Computing | State of the Art for Edge Security in Software Defined Network | 2021 | 978-0-128-24054-0 | Yes | Elsevier | Link |
| 292 | Dr. Rajesh Prasad | Artificial Intelligence and Machine Learning for EDGE Computing | State of the Art for Edge Security in Software Defined Network | 2021 | 978-0-128-24054-0 | Yes | Elsevier | Link |
| 293 | Jyoti Gavhane | Sanganak ani Mahiti Tantradnyan [Marathi] | Book | 2021 | NA | Yes | The Unique Publication Ltd | Link |
| 294 | Manoj Patowary | Large-scale materials for visible light photocatalysis | | 2021 | 978-0-12-823018-3 | Yes | Elsevier | Link |
| 295 | Manoj Patowary | Phosphides and nitrides for photoelectrochemical water splitting | | 2021 | 978-0-7503-3697-0 | Yes | IOP Publishing | Link |
| 296 | H. R. Bhapkar | Engineering Mathematics III (Comp/IT) | | 2021 | 978-93-90450-65-7 | Yes | Technical Publications | Link |
| 297 | H. R. Bhapkar | Rough Sets in COVID-19 to Predict Symptomatic Cases | | 2021 | 978-981-15-9682-7 | Yes | Springer | Link |
| 298 | Dr. Gauri Athawale | Lycopene- A natural Functional Ingredient | Functional Food Ingredients | 2021 | 978-93-90611-79-9 | Yes | Jaya Publishing House | Link |
| 299 | Assoc. Prof. Shoubhik Dutta Roy and Assoc. Prof. Dr. Wricha Mishra | Design for Tomorrow—Volume 1: Proceedings of ICoRD 2021 | Brand Style DNA in Consumer Products: Decoding Strategies from a Design Perspective | 2021 | 978-981-16-0040-1 | Yes | Springer Nature | Link |
| 300 | Dr. Vasim Tamboli | Task based speaking assessment to develop lexical and syntactic complexity: Implications for ESL learning | Task based Language Teaching and Assessment. | 2021 | ISBN 9789811642258 | Yes | Springer Nature: Singapore | Link |
| 301 | Prof. Gurunath Waghale | International Business Economics | | 2021 | 978-93-90428-26-7 | Yes | Techknowledge Publications | Link |
| 302 | Sambit Pal | Bengal Conundrum | Book | 2021 | 978-93-89714-79-1 | Yes | Bloomsbury India Academics, New Delhi | Link |
| 303 | Prof. Vivek Vishnu Datar | Banking and Finance-II | Book | 2021 | 9789390596515 | Yes | Nirali Publication | Link |
| 304 | Prof. Vivek Vishnu Datar | Banking Law and Practices in India-I | Book | 2021 | 9789354512797 | Yes | Nirali Publication | Link |
| 305 | Prof. Vivek Vishnu Datar | Financial Market and Institutions in India -I | Book | 2021 | 9789354511769 | Yes | Nirali Publication | Link |
| 306 | Dr. Wricha Mishra | Ergonomics for Design and Innovation Humanizing Work and Work Environment: Proceedings of HWWE 2021 | Game Addiction and Game Design: A Study based Candy Crush Saga players | 2021 | 978-145-03-9607-3 E Book ISBN : 978-3-030-94277-9 | Yes | Springer | Link |
| 307 | Dr. Wricha Mishra | IndiaHCI '21: Proceedings of the 12th Indian Conference on Human-Computer Interaction | Persuasive design for sustainable Mobility | 2021 | 978-1-4503-9607-3 | Yes | Association for Computing Machinery New York NY United States | Link |
| 308 | Dr. Wricha Mishra | IndiaHCI '21: Proceedings of the 12th Indian Conference on Human-Computer Interaction | FISH HEALTHCARE IN HOME AQUARIUMS : AQUATURE- AN ASSISTIVE SYSTEM | 2021 | 978-1-4503-9607-3 | Yes | Association for Computing Machinery New York NY United States | Link |
| 309 | Dr. Wricha Mishra | IndiaHCI '21: Proceedings of the 12th Indian Conference on Human-Computer Interaction | Sorry you're on mute: Towards determining the factors that impact the productivity and job motivation of remote workers and a conceptual framework' | 2021 | 978-1-4503-9607-3 | Yes | Association for Computing Machinery New York NY United States | Link |
| 310 | Dr. Wricha Mishra | Ergonomics for Improved Productivity Proceedings of HWWE 2017 | User-Centered System Design for Indian Small-Scale Industries: Case Study on Pottery Industry | 2021 | 978-981-15-9054-2 | Yes | Springer | Link |
| 311 | Dr. Wricha Mishra | Information and Communication Technology for Competitive Strategies (ICTCS 2020) ICT: Applications and Social Interfaces | Institutionalizing Individual Development Through Child-Centred Mechanisms in Indian Residential Childcare NGOs | 2021 | 978-981-16-0739-4 | Yes | Springer | Link |
| 312 | Dr. Sheetal Sandeep Patil | Operating Systems | Book with 6 chapters | 2021 | 978-93-90694-32-7 | No | Techknowledge Publications | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--------------------------------|---|---|---------------------|--------------------|--|---|----------------------|
| 313 | Nilesh Bhalerao | : The issue of "ECS Transactions" (ECST) from the First International Conference on Technologies for Smart Green Connected Society 2021. (IOP Science volume no 107 Number 1) | Gondan (Tattoo) Art Practices in Maharashtra (India): A Case Study" | 2021 | ISSN: 1938-6737 | No | : The issue of "ECS Transactions" (ECST) from the First International Conference on Technologies for Smart Green Connected Society 2021. (IOP Science volume no 107 Number 1) | Link |
| 314 | Nilesh Bhalerao | Rabindra Bharti journal of philosophy UGC care group -1 journal ISSN NO-0973-0087 Vol. : XXIII, No:07, 2022 | "The Visual Representation of Mother God 'Mauli Aaya' in The Tribes Of Maharashtra (India)" | 2021 | ISSN: 0973-0087 | Yes | Rabindra Bharti journal of philosophy UGC care group -1 journal ISSN NO-0973-0087 Vol. : XXIII, No:07, 2022 | Link |
| 315 | Chandrakant Tagad | Polysaccharide Nanoparticles: Preparation and Biomedical Applications, In: Jayachandran Venkatesan (eds) | Biosynthesis of polysaccharides stabilized metal nanoparticles for chemical and biosensing applications | 2022 | 978-0-12-822351-2 | Yes | Elsevier | Link |
| 316 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | Overview of Gene Cloning Strategies | 2022 | 978-3-030-96851-9 | Yes | Springer | Link |
| 317 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | Gene Isolation Methods: A Beginner's guide | 2022 | 978-3-030-96851-10 | Yes | Springer | Link |
| 318 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | DNA Cutters in Recombinant DNA Technology | 2022 | 978-3-030-96851-11 | Yes | Springer | Link |
| 319 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | Ethical and Safety Concerns of Recombinant DNA Technology | 2022 | 978-3-030-96851-12 | Yes | Springer | Link |
| 320 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | Selection, Screening, and Analysis of Recombinant Clones | 2022 | 978-3-030-96851-13 | Yes | Springer | Link |
| 321 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | Fundamental Techniques of Recombinant DNA Transfer | 2022 | 978-3-030-96851-14 | Yes | Springer | Link |
| 322 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | Vectors: Guide to Gene Delivery Vehicles | 2022 | 978-3-030-96851-16 | Yes | Springer | Link |
| 323 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | The Recombinant DNA Technology Era | 2022 | 978-3-030-96851-17 | Yes | Springer | Link |
| 324 | Nayana Patil and Aruna Sivaram | A Complete Guide to Gene Cloning: From Basic to Advanced | Recent Trends and Advances | 2022 | 978-3-030-96851-18 | Yes | Springer | Link |
| 325 | Prof. Shankar J Gambhire | International Smart Grid Workshop and Certificate Program (ISGWCP) | Performance Comparison of Various Classical Controllers in LFC of Hydro-Thermal Power System with Time Delays | 2022 | 978-1-6654-8605-7 | Yes | IEEE | Link |
| 326 | Shilpa Nagapurkar | Sthanik Vastukala Karnatakatil Lakkundi Gavatil Parmparik Gharacha Abhyas | Shodhnibandh Pustika | 2022 | 978-93-5780-547-6 | Yes | BKPSCOA & DTE , Pune | Link |
| 327 | Mukta Deshpande | Vastuvidyechhe Parchan, Sghyan Ani Kalpanashakti | Shodhnibandh Pustika | 2022 | 978-93-5780-547-6 | Yes | BKPSCOA & DTE , Pune | Link |
| 328 | Prof Mangesh Dhavalikar | Handbook of Smart Materials Technologies and Devices Applications of Industry 4.0 | Design Control and Data Management for Cleaning-in-Place CIP Test Rig Used in Process Industries | 2022 | 978-3-030-58675-1 | Yes | Springer Cham | Link |
| 329 | Dr. Devabrata Sahoo | Unsteady simulation of frontal cavity in supersonic flows | NA | 2022 | 9781003324539 | Yes | CRC Press Taylor & Francis Group | Link |
| 330 | Wricha Mishra | NA | Digi Drive: Making Driving School Management Effective | 2022 | 978-981-16-9967-2 | Yes | SPRINGER | Link |
| 331 | Prof. Dr. Sachin Takale | NA | Quality of Service based and Energy Efficient Routing Algorithm in Wireless Sensor Networks | 2022 | 978-1-6654-2778-4 | Yes | IEEE Explore | Link |
| 332 | Prof. Dr. Shubhangi Joshi | NA | New Approach of steganographic design of speech signals & its application to voice recognitions | 2022 | 978-1-6654-2778-4 | Yes | IEEE Explore | Link |
| 333 | Prof Archana Nema | NA | CFD analysis of Lithium-ion Batteries for longer shelf-life using energy storage material | 2022 | 978-1-6654-2146-1 | Yes | IEEE Explore | Link |



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| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|---|---|---------------------|----------------------------------|--|---|----------------------|
| 334 | B. K. Patle; Nitin Pagar, Sudarshan Sanap | NA | Hybrid FA-GA Controller for Path Planning of Mobile Robot | 2022 | 978-1-6654-7258-6 | Yes | IEEE Explore | Link |
| 335 | Prof .Sandeep Thorat, Dr Sachin Pawar | NA | Experimental Investigation of Sound Absorbing Materials | 2022 | 978-981-19-7971-2 | Yes | Springer, | Link |
| 336 | Dr.Jayashree Prasad, Rajesh Prasad | State of the Art for edge security in software defined network | NA | 2022 | 978-0-12-824054-0 | Yes | ScienceDirect Elsevier | Link |
| 337 | Dr. Shraddha Phansalkar | Impact of Human Mobility Trends on the Outbreak of COVID-19 Across Different States of India | NA | 2022 | 9781799877103 | Yes | IGI Global | Link |
| 338 | Dr A A Bhange | Graph Learning and Network Science for Natural Language Processing | Perfect Coloring by HB Color Matrix Algorithm Method | 2022 | 978-100-32-7264-9 | yes | Taylor & Francis, CRC Press | Link |
| 339 | Amar Buchade | NA | De-Centralized Voting System using Blockchain | 2022 | 978-1-6654-2832-3 | Yes | IEEE | Link |
| 340 | Amar Buchade | NA | Feature-based Intrusion Detection System with Support Vector Machine | 2022 | 978-1-6654-2832 | Yes | IEEE | Link |
| 341 | Nilima Kulkarni | NA | Customer Analytics Research: Utilizing Unsupervised Machine Learning Techniques | 2022 | 978-981-19-6004-8 | Yes | Springer | Link |
| 342 | H. R. Bhapkar | Engineering Mathematics III, SPPU, 2022 (E&TC) | NA | 2022 | 978-93-91567-99-6 | Yes | Technical Publications | Link |
| 343 | H. R. Bhapkar | Ordinary Differential Equations and Vector Calculus | NA | 2022 | 978-91-5585-589-9 | Yes | Technical Publications | Link |
| 344 | H. R. Bhapkar | Ordinary Differential Equations and Advanced Calculus | NA | 2022 | 978-93-90041-27-5 | Yes | Technical Publications | Link |
| 345 | Divya Nair, Neeta Mhavan and Asawari-Bhave Gudipudi | Techno Pedagogical Concept with Digital Skills in the book titled as Edutech Enabled Teaching: Challenges and Opportunities | NA | 2022 | 9781032185200 | Yes | CRC Press, Taylor and Francis, United Kingdom | Link |
| 346 | Divya Nair, Neeta Mhavan and Asawari-Bhave Gudipudi | National Education Policy 2020: A Landmark in India's History of Education in the book titled as Edutech Enabled Teaching: Challenges and Opportunities | NA | 2022 | 9781032185200 | Yes | CRC Press, Taylor and Francis, United Kingdom | Link |
| 347 | Govind Ghule | Modern Machining Processes | NA | 2022 | 978-93-5563-253-1 | yes | Tech Knowledge | Link |
| 348 | Patil N.G.; Chandak A.; Talele V.; Nema A.; Mathew V.K. | Numerical investigation on the cooling of multiple IC chips using phase change material (PCM) based mini-channels | NA | 2022 | 978-156700525-7; 978-156700526-4 | YES | Begell House Inc. | Link |
| 349 | Mariadon Shanlang Pathaw P.; Mukhim C.; Rani S.; Kamble D.B.; Swer T.L. | Principles of radiofrequency processing in the food industry | NA | 2022 | 978-012822107-5; 978-012823385-6 | YES | Elsevier | Link |
| 350 | Areche F.O.; Corilla Flores D.D.; Rodriguez A.R.; Huaman J.T.; Quispe Solano M.A.; Jagdale Y.D.; Ansari M.J. | Nanoparticles Designed for Shelf-Life Extension and Food Safety | NA | 2022 | 978-100064174-5; 978-103206274-7 | YES | CRC Press | Link |
| 351 | Prasad J.; Mulla R.; Naikwade N.; Kumar B.S.; Shanmugasundaram S. | Ontology and knowledge graphs for natural language processing | NA | 2022 | 978-100078930-0; 978-103222456-5 | YES | CRC Press | Link |
| 352 | Patel A.; Thakre S.; Kardile N.B.; Sehwat R. | Material Handling and Transportation Devices | NA | 2022 | 978-981167289-7; 978-981167288-0 | YES | Springer International Publishing | Link |
| 353 | Hernández-Soto I.; Cenobio-Galindo A.J.; de Vega-Luttmann G.; Perez-Ríos S.; Franco-Fernández M.J.; Fernández-Fernández O.; Medina-Pérez G.; Jagdale Y.D.; Ansari M.J. | Orchard planning, establishment, and soil management of plum | NA | 2022 | 978-100063748-9; 978-100320544-9 | YES | CRC Press | Link |



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|---------|---|--|--|---------------------|----------------------------------|--|--|----------------------|
| 354 | Sarabia-Castillo Cesar R.; Ali A.; Hermes P.; Andrea P.; Torres-Gómez Andrés P.; Shaikh A.M.; Jagdale Y.D.; Fabián F. | Nanotubes as Packaging Tool | NA | 2022 | 978-100064174-5; 978-103206274-7 | YES | CRC Press | Link |
| 355 | Kamble D.B.; Swer T.L.; Bashir K.; Mariadon Shanlang Pathaw P.; Rani S. | Application of Ohmic heating in the food industry | NA | 2022 | 978-012822107-5; 978-012823385-6 | YES | Elsevier | Link |
| 356 | Amir S.A.; Shafi P.M.; Kimbahune V.V.; Bidve V.S. | Natural language processing with graph and machine learning algorithmsbased large-scale text document summarization and its applications | NA | 2022 | 978-100078930-0; 978-103222456-5 | YES | CRC Press | Link |
| 357 | Gavhane J.; Prasad R.; Kumar R. | Graph embeddinggs for natural language processing | NA | 2022 | 978-100078930-0; 978-103222456-5 | YES | CRC Press | Link |
| 358 | Talele V.; Badhe N.; Kurey P.; Jaware R.; Momin Z. | A novel heat sink incorporated mini channel coupled phase change material thermal design for high energy powered LED packaging | NA | 2022 | 978-156700525-7; 978-156700526-4 | YES | Begell House Inc. | Link |
| 359 | Raut R.; Pathak P.; Kautish S.; Pradeep N. | Intelligent systems for rehabilitation engineering | NA | 2022 | 978-111978565-1; 978-111978566-8 | YES | wiley | Link |
| 360 | Raut R.; Jadhav A.; Jaiswal S.; Pathak P. | IoT-assisted smart device for blind people | NA | 2022 | 978-111978565-1; 978-111978566-8 | YES | wiley | Link |
| 361 | Nimbalkar P.R.; Khedkar M.A.; Chavan P.V.; Bankar S.B. | Biobutanol from agricultural residues: Technology and economics | NA | 2022 | 978-032391178-8; 978-032399805-5 | YES | Elsevier | Link |
| 362 | Garg M.; Gupta A.K.; Prasad R. | Graph learning and network science for natural language processing | NA | 2022 | 978-100078930-0; 978-103222456-5 | YES | CRC Press | Link |
| 363 | Patil A.S.; Dhavalikar M.N.; Chavan S.A. | Design, Control, and Data Management for Cleaning-in-Place (CIP) Test Rig Used in Process Industries | NA | 2022 | 978-303084205-5; 978-303084204-8 | YES | Springer International Publishing | Link |
| 364 | Sharma L.; Tagad C. | Biosynthesis of polysaccharides-stabilized metal nanoparticles for chemical and biosensing applications | NA | 2022 | 978-012822351-2 | YES | Elsevier | Link |
| 365 | Balasaheb Kardile N.; Mahadeo Thakre S.; Sinha A. | Electric and magnetic field based processing technologies for food | NA | 2022 | 978-032391158-0; 978-032398484-3 | YES | Elsevier | Link |
| 366 | Bendale S.P.; Prasad J.R.; Prasad R.S. | State of the art for edge security in software-defined networks | NA | 2022 | 978-012824054-0; 978-012824055-7 | YES | Elsevier | Link |
| 367 | Kaushik J.; Vashisht A.V. | NA | A study of Autoregressive Model Using Time Series Analysis through Python | 2022 | 978-166547436-8 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 368 | Susarla S.; Jammalamadaka S.; Nishankar V.; Panuganti S.; Ryali A.; Sushrutha S. | NA | Shaastra Maps: Enabling Conceptual Exploration of Indic Shaastra Texts | 2022 | 978-195073771-0 | YES | Association for Computational Linguistics | Link |
| 369 | Darade S.A.; Akkalakshmi M.; Pagar N. | NA | SDN based load balancing technique in internet of vehicle using integrated whale optimization method | 2022 | 978-073544188-0 | YES | American Institute of Physics Inc. | Link |
| 370 | Silveira Almeida I.; Deshmukh A. | NA | Computational Thinking, History and Non-formal Learning- A Well-crafted Blend! | 2022 | 978-946366563-6 | YES | The Education University of Hong Kong | Link |
| 371 | Parikh A.; Prasanth H.K.; Kulkarni N.; Bhalerao S.; Koul S. | NA | People Analyser | 2022 | 978-166549162-4 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 372 | Das A.; Ganguly N. | NA | An Efficient Visual Cryptography Approach for Intermodal Biometric Verification | 2022 | 978-166545499-5 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 373 | Kalekar J.; Babar T. | NA | Oops! i bought it! An Attempt to Control the Impulsive Buying Behavior | 2022 | 978-145039982-1 | YES | Association for Computing Machinery | Link |
| 374 | Pagar N.D.; Patle B.M.; Patil A.R.; Darade S.A. | NA | Normal and shear stress distributed points on thin walled corrugated tubes by conformal transformation technique | 2022 | 978-073544188-0 | YES | American Institute of Physics Inc. | Link |



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|---------|--|------------------------------------|---|---------------------|-------------------|--|--|----------------------|
| 375 | Jaswanth B.; Kaushik J. | NA | Stacked LSTM a Deep Learning model to predict Stock market | 2022 | 978-166547436-8 | YES | Institute of Electrical and Electronics Engineers Inc. | Link |
| 376 | Patil A.R.; Bindu R.S.; Pawar A.M.; Pagar N.D.; Nandre B.D. | NA | Experimental investigation on the effect of optimized dimethyl carbonate on CI engine performance & Emissions at various engine operating parameters using Taguchi method | 2022 | 978-073544188-0 | YES | American Institute of Physics Inc. | Link |
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| 392 | Nilima Kulkarni | NA | People Analyser | 2022 | 978-1-6654-9162-4 | Yes | IEEE | Link |
| 393 | Ms. Sangita B. Phunde, Archana Singh, Monika Jadhav | Advanced Databse Management System | | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |
| 394 | Dr Sangita Phunde | Advanced Databse Management System | OODBMS & ORDBMS | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|--|---|---------------------|-------------------|--|----------------------------|----------------------|
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| 396 | Prof Monika Jadhav | Advanced Databse Management System | Parallel databases | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |
| 397 | Dr Sangita Phunde | Advanced Databse Management System | Distributed Databases | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |
| 398 | Dr Archana Singh | Advanced Databse Management System | Knowledge base Systems | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |
| 399 | Dr Sangita Phunde | Advanced Databse Management System | Data Warehousing | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |
| 400 | Prof. Hanif Pathan | Advanced Databse Management System | Data Mining | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |
| 401 | Dr Sheetal Patil | Advanced Databse Management System | Information Retrieval & XML data | 2022 | 978-93-93729-49-1 | YES | Skylight Publication, Pune | Link |
| 402 | Mrs. Sangita B. Phunde, Alkawati Magdum | Database Management System PL/SQL | | 2022 | 978-93-93729-72-9 | YES | Skylight Publication, Pune | Link |
| 403 | Dr Sangita Phunde | Database Management System PL/SQL | PL/SQL | 2022 | 978-93-93729-72-9 | YES | Skylight Publication, Pune | Link |
| 404 | Dr Alkawati Mugadum | Database Management System PL/SQL | Cursor | 2022 | 978-93-93729-72-9 | YES | Skylight Publication, Pune | Link |
| 405 | Prof. Sunita Venkat | Database Management System PL/SQL | Trigger | 2022 | 978-93-93729-72-9 | YES | Skylight Publication, Pune | Link |
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| 411 | Dr. Reena Pagare | Sustainable AI for Multidisciplinary Applications: An Introduction | Section 3 | 2022 | 978-93-93729-67-5 | YES | Skylight Publication, Pune | Link |
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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|--|---------------------------------|---------------------|-------------------|--|----------------------------|----------------------|
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| 427 | Dr. Sunita Mangesh Karad | Sustainable AI for Multidisciplinary Applications: An Introduction | Section 19 | 2022 | 978-93-93729-67-5 | YES | Skylight Publication, Pune | Link |
| 428 | Dr. Suwarna Pawar | Sustainable AI for Multidisciplinary Applications: An Introduction | Section 20 | 2022 | 978-93-93729-67-5 | YES | Skylight Publication, Pune | Link |
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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|--|--|---------------------|-------------------|--|----------------------------|----------------------|
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| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|----------------------------------|--|---|---------------------|-------------------|--|----------------------------|----------------------|
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| 500 | Dr. Karuna Gole | MARKETING MANAGEMENT AND SOCIAL MEDIA TRENDS IN AI ERA | Introduction to Social Media Marketing Techniq | 2022 | 978-93-93729-03-3 | YES | Skylight Publication, Pune | Link |
| 501 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 502 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Concept of Communication | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 503 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Phonetics for Merchant Navy Cadets | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 504 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Standard Marine Communication Phrases (SMCP) | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 505 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Comprehension | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 506 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Remedial Grammar | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|---|--|---------------------|---------------------|--|---|----------------------|
| 507 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Essay Writing | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 508 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Letter Writing | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 509 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Public Speaking | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 510 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Interview Skills for Cadets | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 511 | Dr Pratibha Jagtap | Textbook for Communicative English for Nautical Science and Marine Engineering | Group Discussion for Cadets | 2022 | 978-93-93729-58-3 | YES | Skylight Publication, Pune | Link |
| 512 | Dr. Jagannath Nalavade | Machine Learning Approaches in Cyber Security | Book | 2022 | 9789355451132 | Yes | Namya Press | Link |
| 513 | Prof. Mayuresh Gulame | Artificial Intelligence, Internet of Things (IoT) and Smart Materials for Energy Applications | Artificial Intelligence and Machine Learning in Biomedical Applications | 2022 | 9781003220176 | Yes | Taylor & Francis Group, Book eBook (SCOPUS) | Link |
| 514 | Dr. Nilesh B. Kardile and Dr.Shubhangi Thakre | Current Developments in Biotechnology and Bioengineering: Advances in Food Engineering | Electric and Magnetic Field based Processing Technologies | 2022 | 978-0-323-91158-0 | Yes | by ELSEVIER | Link |
| 515 | Dr. Nilesh B. Kardile and Dr.Shubhangi Thakre | Agro-processing and Food Engineering Operational and Application Aspects | Material Handling and Transportation Devices | 2022 | 978-981-16-7288-0 | Yes | Springer | Link |
| 516 | Prof. Shakti Banerjee | Ergonomics for Design and Innovation | Application of Immersive Media to Develop Model Making Skills of Industrial Design Learners. | 2022 | 978-3-030-94276-2 | Yes | Springer, Scopus | Link |
| 517 | Divya Nair, Neeta Mhavan and Asawari-Bhave Gudipudi | Techno Pedagogical Concept with Digital Skills in the book titled as Edutech Enabled Teaching: Challenges and Opportunities | - | 2022 | 9781032185200 | Yes | CRC Press, Taylor and Francis, United Kingdom | Link |
| 518 | Divya Nair, Neeta Mhavan and Asawari-Bhave Gudipudi | National Education Policy 2020: A Landmark in India's History of Education in the book titled as Edutech Enabled Teaching: Challenges and Opportunities | - | 2022 | 9781032185200 | Yes | CRC Press, Taylor and Francis, United Kingdom | Link |
| 519 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | The Recombinant DNA Technology Era | 2022 | 978-3-030-96850-2 | Yes | Springer | Link |
| 520 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Vectors: Guide to Gene Delivery Vehicles | 2022 | 978-3-030-96850-3 | Yes | Springer | Link |
| 521 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Gene Isolation Methods: Beginner's Guide | 2022 | 978-3-030-96850-4 | Yes | Springer | Link |
| 522 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | DNA Cutters in Recombinant DNA Technology | 2022 | 978-3-030-96850-5 | Yes | Springer | Link |
| 523 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Overview of Gene Cloning Strategies | 2022 | 978-3-030-96850-6 | Yes | Springer | Link |
| 524 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Fundamental Techniques of Recombinant DNA Transfer | 2022 | 978-3-030-96850-7 | Yes | Springer | Link |
| 525 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Selection, Screening, and Analysis of Recombinant Clones | 2022 | 978-3-030-96850-8 | Yes | Springer | Link |
| 526 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Recent Trends and Advances | 2022 | 978-3-030-96850-9 | Yes | Springer | Link |
| 527 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Applications of Recombinant DNA Technology | 2022 | 978-3-030-96850-10 | Yes | Springer | Link |
| 528 | Dr. Nayana Patil | A Complete Guide to Gene Cloning: From Basic to Advanced | Ethical and Safety Concerns of Recombinant DNA Technology | 2022 | 978-3-030-96850-11 | Yes | Springer | Link |
| 529 | H. R. Bhapkar | Ordinary Differential Equations and Advanced Calculus | | 2022 | 978-93-90041-27-5 | Yes | Technical Publications | Link |
| 530 | Dr. Gauri Athawale | Pectate as gelling agent in foods | Food Processing Waste and Utilization: Tackling Pollution and Enhancing Product Recovery | 2022 | 978-10-03207-68-9 | Yes | CRC Press-Taylor and Francis | Link |
| 531 | Prof. Dr. Sangita Patil | ICT Analysis & Applications | Intelligently Trained Elman Neural Network-Based MPPT for Photovoltaic Systems. | 2022 | 978-981-16-5655-267 | No | Springer | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|-------------------------------|--|---|---------------------|-------------------|--|---|----------------------|
| 532 | Dr. Ritesh Balaso Watharkar | Principles of Foaming and Foam Mat Drying Technology: Fruits and Vegetables | Book Chapter Published | 2022 | 9781003153184 | Yes | CRC Press, Taylor & Francis Group, USA | Link |
| 533 | Dr. Ritesh Balaso Watharkar | Pretreatments and Drying of Food Products | Book Chapter Published | 2022 | 9781003153184 | yss | CRC Press, Taylor & Francis Group, USA | Link |
| 534 | Dr. Disha Deotale (Gabhane) | Machine Learning and Data Science: Fundamentals and Applications | Analysis of Human Activity Recognition Algorithms Using Trimmed Video Datasets | 2022 | 9781119776499 | Yes | Wiley | Link |
| 535 | Dr. Anant Kaulage | Handbook on Machine Learning | Book Published | 2022 | 9789355155375 | Yes | Bookriver | Link |
| 536 | Dr. Anant Kaulage | Data Science Techniques and Applications | Satellite Imaginary based Wildfire Detection using Deep Learning | 2022 | 9781032254494 | Yes | CRC Press, Taylor & Francis Group | Link |
| 537 | Dr. Anant Kaulage | Computing Technologies and Applications Paving Path Towards Society 5.0 | AR Powered Computer Science Education | 2022 | 9780367763749 | Yes | CRC Press, Taylor & Francis Group | Link |
| 538 | Dr.K.Venkateswara Swamy | BBCS-185 Bioinformatics- Indira Gandhi National Open University School of Sciences | UNIT 2 BIOLOGICAL DATABASES AND DATA RETRIEVAL | 2022 | 978-93-5568-254-3 | Yes | Indira Gandhi National Open University, New Delhi | Link |
| 539 | Dr.K.Venkateswara Swamy | BBCS-185 Bioinformatics- Indira Gandhi National Open University School of Sciences | Unit 3 Sequence alignment | 2022 | 978-93-5568-254-3 | Yes | Indira Gandhi National Open University, New Delhi | Link |
| 540 | Prof. Vivek Vishnu Datar | Banking Law and Practices in India-II | Book | 2022 | 9789354516511 | No | Nirali Publication | Link |
| 541 | Prof. Vivek Vishnu Datar | Financial Market and Institutions in India -II | Book | 2022 | 9789354514821 | No | Nirali Publication | Link |
| 542 | Prof. Vivek Vishnu Datar | International Economics | Book | 2022 | 9789354514791 | No | Nirali Publication | Link |
| 543 | Dr. Wricha Mishra | Smart Trends in Computing and Communications Proceedings of SmartCom 2022 | DigiDrive: Making Driving School Management Effective | 2022 | 978-981-16-9967-2 | yes | Springer | Link |
| 544 | Dr. Wricha Mishra | ICT Analysis and Applications Proceedings of ICT4SD 2022 | CARSA—Smart Integrated Car Parking System | 2022 | 978-981-19-5224-1 | yes | Springer | Link |
| 545 | Dr. Sujit Dharmpatre | History of Modern India (आधुनिक भारताचा इतिहास) | | 2022 | 978-81-934447-1-9 | yes | Sumedh Publication | Link |
| 546 | Neelam Bhosale | Research paper presented in Chitkara University Doctoral Consortium | Evolution of wall painting and their footprints across the globe | 2022 | ISSN: 1938-6737 | No | ECS - The Electrochemical Society | Link |
| 547 | Neelam Bhosale | Research paper presented at SDGEHU International conference, Under the theme'' Visual art and sustainability'' | The Wall Art in Contemporary India: Communication Value and Sustainability | 2022 | ISSN : 0973-0087 | Yes | Rabindra Bharti journal of philosophy UGC CARE group -1 journal | Link |
| 548 | Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Utilization of Rice and Sugarcane Ashes in Wastewater Treatment: A Case Study for Pesticide Removal from Aqueous Solution7481-6_8 | 2023 | 9789811974809 | Yes | Springer | Link |
| 549 | Nayana Patil Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Bioethanol Production from Agricultural Biomass: Sources of Cellulose, Pretreatment Methods, and Future Prospects | 2023 | 9789811974809 | Yes | Springer | Link |
| 550 | Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Applications of Life Cycle Assessment in Biorefinery: A Case Study on Mango Peel Waste Biorefinery | 2023 | 9789811974809 | Yes | Springer | Link |
| 551 | Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | The Sustainable Fruit Peel Waste Biorefinery: Challenges and Future Perspectives. | 2023 | 9789811974809 | Yes | Springer | Link |
| 552 | Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Tomato Utilization: Techno | 2023 | 9789811974809 | Yes | Springer | Link |
| 553 | Priyanka Sharma | The Role of Growth Regulators and Phytohormones in Overcoming Environmental Stress | Role of sugars in a regulating physiological and molecular aspects of plants under abiotic stress | 2023 | 978-0-323-98332-7 | Yes | Elsevier | Link |
| 554 | Priyanka Sharma | The Role of Growth Regulators and Phytohormones in Overcoming Environmental Stress | A Redox homeostasis in response to abiotic stresses in plants | 2023 | 978-0-323-98332-8 | Yes | Elsevier | Link |
| 555 | Priyanka Sharma | The Role of Growth Regulators and Phytohormones in Overcoming Environmental Stress | Role of jasmonates in regulating physiological and molecular aspects of plants under abiotic stress | 2023 | 978-0-323-98332-9 | Yes | Elsevier | Link |
| 556 | Chandrakant Tagad | Handbook of Natural Polymers, Volume 1 | Extraction of alginate from natural resources | 2023 | 978-0-323-99853-6 | Yes | Elsevier | Link |
| 557 | Divya Nair | Perspectives on Stress and Wellness Management in Times of Crisis" | "Positive Psychology: An Effective Strategy to Combat Stress | 2023 | 9781668489178 | Yes | IGI Global, United States of America | Link |
| 558 | Dr. Ashwini Pethe | Pandemic and its impact on urban planning from a historical context | Future is Urban Livability, Resilience and Resource conservation | 2023 | 978-1-003-34244-1 | Yes | Routledge (imprint of the Taylor & Francis group) | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|---|--|---------------------|-------------------|--|---|----------------------|
| 559 | Dr. Jitendra Kaushik | Qualitative and Computational Aspects of Dynamical Systems | A review note on Laplace transform and its applications in dynamic systems | 2023 | 978-1-80356-566-8 | Yes | Publisher: Intech Open (WOS), London, UK | Link |
| 560 | Dr. Jitendra Kaushik | Advances in cognitive computing and communications | cryptocurrency price prediction study using deep learning and machine learning | 2023 | 978-981-19-8086-2 | Yes | Cognitive Science and Technology book series (CSAT) | Link |
| 561 | Dr. Prashant Dhotre | Data Science for Civil Engineering : A Beginner's Guide | NA | 2023 | 9781032327808 | Yes | CRC Press (Taylor & Francis Grp) | Link |
| 562 | Dr. Prashant Dhotre | 5G, Cybersecurity, And Privacy in Developing Countries | Critical Infrastructure Security: Issues, Challenges and 5G Solutions in Indian Perspective | 2023 | 9781003374664 | Yes | River Publishers | Link |
| 563 | Dr. Mathew V. K. | Energy Storage Systems: Optimization and Applications | NA | 2023 | 978-981-19-4502-1 | Yes | Springer Singapore | Link |
| 564 | Prof. Dinesh Kumar Bajaj | Recent Advances in Energy Harvesting Technologies | NA | 2023 | 9788770228459 | Yes | River Publishers | Link |
| 565 | Prof. Vijaykumar Gorfad | AI in Energy Harvesting | NA | 2023 | 9788770228460 | Yes | River Publishers | Link |
| 566 | Prof. Dr. Shubhangi Joshi | AI for Cyber Security | NA | 2023 | 9788119115921 | Yes | Nirali Publication | Link |
| 567 | Monika Trivedi | Current Research Trends of Graphene Nanotechnology | NA | 2023 | 978-98-1508-518-6 | Yes | Bentham Science Publishers | Link |
| 568 | Dr. Madhavi Godbole ,Sagar Sanjay Vidwans ,Ananya Sastry | Handbook on Indian Mind Sciences, Book I Foundations of Indian Mind Sciences | NA | 2023 | 978-93-6013-540-9 | Yes | Gabhara Productions | Link |
| 569 | Dr. Yogita Chavan | New Horizons in Natural Compound Research | Nanoformulation of natural compound for herbicide and agri food application | 2023 | 978-0-443-15232-0 | Yes | Elsevier (Science Direct) | Link |
| 570 | Dr. Rajshekhar G. Rathod | Transportation Engineering | NA | 2023 | 978-9358503203 | Yes | Kalam Kraft Publication - JEC PUBLICATION, Odisha | Link |
| 571 | Dr. Ashwini Pethé | 'Püch' as an institution for maintaining the cultural landscape of the Kullu Valley | Placemaking and Cultural Landscapes | 2023 | 978-981-19-6273-8 | Yes | Springer Nature | Link |
| 572 | Dr. Neeti Trivedi | Documenting Architectural Heritage 2021 | NA | 2023 | 978-93-84204-21-1 | Yes | COA TRC | Link |
| 573 | Prof. Dr Virendra Virbhadrá Shete | NA | Machine Learning Approaches for Detection of Cardiovascular Disease | 2023 | 979-8-3503-3280-3 | Yes | IEEE xplore | Link |
| 574 | Prof. Dr Virendra Virbhadrá Shete | NA | Review and Trends on Hand Gesture Recognition of Sign Language based on Deep Learning Approaches | 2023 | 979-8-3503-3280-3 | Yes | IEEE xplore | Link |
| 575 | Prof. Dr Virendra Virbhadrá Shete | NA | Heart Failure Prediction System Using Various Approaches: A review | 2023 | 979-8-3503-3280-3 | Yes | IEEE xplore | Link |
| 576 | Prof. Ragashri Bakare, Prof. Dr Virendra Virbhadrá Shete | NA | Machine Learning Approach for Dementia Classification using EEG Signal Analysis | 2023 | 979-8-3503-3280-3 | Yes | IEEE xplore | Link |
| 577 | Prof. Dr Virendra Virbhadrá Shete | NA | A Literature Review on Remaining Useful Life Prediction of Lithium-Ion Batteries | 2023 | 979-8-3503-3280-3 | Yes | IEEE xplore | Link |
| 578 | Prof. Dr Virendra Virbhadrá Shete | NA | Smart Captures- An Advanced Attendance System using Facial Recognition | 2023 | 979-8-3503-3280-3 | Yes | IEEE xplore | Link |
| 579 | Dr. Sunil V Dingare | Refrigeration and Air Conditioning | NA | 2023 | 9789389825 | Yes | Nirali Prakashan | Link |
| 580 | Dr. Sunil V Dingare | Heat Transfer | NA | 2023 | 9789389825 | Yes | Nirali Prakashan | Link |
| 581 | Dr. Sunil V Dingare | Turbomachinery | NA | 2023 | 9789389825 | Yes | Nirali Prakashan | Link |
| 582 | Dr. Sunil V Dingare | Heating, Ventilation, Air Conditioning and Refrigeration | NA | 2023 | 9789389825 | Yes | Nirali Prakashan | Link |
| 583 | Prof. Dinesh Kumar Bajaj | 3 ARTIFICIAL INTELLIGENCE in ELECTRICAL VEHICLES | NA | 2023 | 9788770228459 | Yes | River Publishers | Link |
| 584 | Dr Mayur Sawant | Recent Developments in the Area of Laser Cladding and Surface Alloying | NA | 2023 | 9781032245003 | Yes | CRC press, | Link |
| 585 | Prof. Dr. B.K Patle | NA | Adaptive Mayfly Algorithm for UAV Path Planning and Obstacle Avoidance in Indoor Environment | 2023 | 979-8-3503-0082-6 | Yes | IEEE xplore | Link |
| 586 | Prof. Nishigandha Patel | NA | Seasonal Impact Analysis Using Clay Pot Refrigerator on the Shelf Life of Tomatoes. | 2023 | 9783031346446 | Yes | Springer, Cham | Link |
| 587 | Prof. Nishigandha Patel | NA | Review of Obstacle Detection by Ultrasonic And Laser Sensor for Automated Guided Vehicles. | 2023 | 9783031346446 | Yes | Springer | Link |



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|---------|---|---|--|---------------------|-------------------|--|---|----------------------|
| 588 | Prof. Abhijeet Chavan | NA | Formulation and Viscosity Evaluation of Copper Oxide Based Nanolubricants. | 2023 | 978-3-031-34643-9 | Yes | Springer | Link |
| 589 | Prof. Abhijeet Chavan | NA | CFD Analysis of Hydrodynamic Journal Bearing with Rectangular Top Inlet | 2023 | 978-3-031-34648-4 | Yes | Springer | Link |
| 590 | Prof. Abhijeet Chavan | NA | Calculative Study for Fuel Cell Based Vehicle Propulsion | 2023 | 978-3-031-34648-4 | Yes | Springer | Link |
| 591 | Prof. Dr. B.K Patle | NA | Role of Ant Colony Optimization in Path Planning of the Robot: A Review | 2023 | 978-0-7354-4790-5 | Yes | AIP Proceeeding | Link |
| 592 | Prof. Mangesh Dhavalikar | NA | Investigation of positioning accuracy of double acting single rod hydraulic cylinder using design of experiments | 2023 | 978-0-7354-4790-5 | Yes | AIP Proceeeding | Link |
| 593 | Dr. Mohit Kumar | Communication, Networks and Computing | Securing Internet of Things Using Machine Learning Techniques: A Systematic Review | 2023 | 978-3-031-43139-5 | Yes | Springer | Link |
| 594 | Dr. Mohit Kumar | Proceedings of International Conference on Paradigms of Communication, Computing and Data Analytics | Nonmetaheuristic Methods for Group Leader Selection, Cluster Formation and Routing Techniques for WSNs: A Review | 2023 | 978-981-99-4625-9 | Yes | Springer | Link |
| 595 | Pankaj R. Chandre, Viresh Vanarote, Rajkumar Patil, Parikshit N. Mahalle, Gitanjali R. Shinde, Madhukar Nimbalkar & Janki Barot | NA | Explainable AI for Intrusion Prevention: A Review of Techniques and Aplications | 2023 | 978-981-99-3757-8 | Yes | Springer | Link |
| 596 | Anuradha Konidena, Manjula Shanbhog, Swati Singh, Vikrant Sharma, Anuj Kumar Jain, Neha Sharma | NA | Efficient Disease Detection in Wheat Crops: A Hybrid Deep Learning Solution | 2023 | 979-8-3503-4234-5 | Yes | IEEE | Link |
| 597 | Prof. Sachin Jagdale, Prof. Bhagyashree Shendkar, Prof. Tejaswini Bhosale | Python Programming for Data Science | NA | 2023 | 9789395978231 | Yes | Alpha International Publications | Link |
| 598 | Dr. Rajesh Prasad | Graph learning and network science for natural language procesing | NA | 2023 | 978-1-032-224565 | Yes | CRC Press (Taylor & Francis Group) | Link |
| 599 | Dr. Rajesh Prasad | Impact of the Covid-19 pandemic on cyber security issues in the healthcare domain: A scoping review | NA | 2023 | 978-1-032-1128-5 | Yes | CRC Press (Taylor & Francis Group) | Link |
| 600 | Dr. Rajesh Prasad | Graph embeddings for natural language processing | NA | 2023 | 978-1-032-224565 | Yes | CRC Press (Taylor & Francis Group) | Link |
| 601 | H. R. Bhapkar | Engineering Mathematics III 2023 | NA | 2023 | 978-93-5585-365-3 | Yes | Technical Publications | Link |
| 602 | H. R. Bhapkar | Engineering Mathematics III 2023 Comp-IT | NA | 2023 | 978-93-90474-52-7 | Yes | Technical Publications | Link |
| 603 | H. R. Bhapkar | Engineering Mathematics III 2023 Mech-Auto | NA | 2023 | 9789393450596 | Yes | Technical Publications | Link |
| 604 | Jayashree Rajesh Prasad | NA | Exploration of Deep Learning Based Under water Image Processing Techniques | 2023 | 978-93-80544-47-2 | Yes | IEEE | Link |
| 605 | Dr. Ritesh Watharkar | Advances in Food Process Engineering: Novel Processing, Preservation, and Decontamination of Foods | NA | 2023 | 9781003303848 | YES | CRC Press; 1st edition (TAYLORE AND FRANCIES GROUP) | Link |
| 606 | Dr. Jitendra Kaushik | Book Chapter , Qualitative and Computational Aspects of Dynamical Systems | NA | 2023 | 978-1-80356-566-8 | YES | Publisher: Intech Open (WOS), London, UK | Link |
| 607 | Nilima Kulkarni | NA | Smart Wardrobe : A Deep Learning Model | 2023 | 979-8-3503-3280-3 | Yes | Springer Nature | Link |
| 608 | Sukhpreet Kaur, Nilima Kulkarni | NA | Dimensional Emotion Recognition Using EEG Signals via 1D Convolutional Neural Network | 2023 | 978-981-19-9225-4 | Yes | IEEE | Link |
| 609 | Dr. Pathan Mohd Shafi | NA | Critical Analysis of Potato (Solanum Tuberosum) on Indian Overall Economy using Analytic Hierarchy Process | 2023 | 978-1-6654-7524-2 | Yes | Scopus | Link |



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| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|---|---|---------------------|-------------------|--|---|----------------------|
| 610 | Dr.Ritesh Watharkar | Plant-Based Bioactive Compounds and Food Ingredients: Encapsulation, Functional, and Safety Aspects (Innovations in Plant Science for Better Health: From Soil to Fork) | | 2023 | 9781003372226 | YES | CRC Press; 1st edition (TAYLORE AND FRANCIES GROUP) | Link |
| 611 | Dr. Reena Gunjan | NA | Use of Regression Algorithm for Bike Ride Sharing Demand Projection | 2023 | 978-3-031-51167-7 | Yes | Springer (Scopus) | Link |
| 612 | Dr. Reena Gunjan | NA | Smart Captures- An Advanced Attendance System using Facial Recognition | 2023 | 979-8-3503-3280-3 | Yes | IEEE | Link |
| 613 | Dr.Suvarna Joshi | NA | Framework for Biometric Authentication based on Decision Level Fusion | 2023 | 978-981-99-5435-3 | Yes | Springer | Link |
| 614 | Dr. Rajesh Prasad | Detection of social mental disorder using convlution neural network | NA | 2023 | 9780443190971 | Yes | Academic Press | Link |
| 615 | Prof. Sonali Deshpande Dr. Nilima Kulkarni | Energy-Efficient Task Offloading in Edge Computing with Energy Harvesting | NA | 2023 | 9781003356639 | Yes | CRC Press | Link |
| 616 | Prof. Bhagyashree Shendkar, Prof. Tejaswini Bhosale, Prof. Aman Kamble, Prof. Pooja Kadam | Introduction to AI & ML | NA | 2023 | 978-93-5757-572-0 | Yes | Scientific International Publishing House | Link |
| 617 | Neelima Kulkarni | NA | People Analyser | 2022 | 978-1-6654-9162-4 | Yes | IEEE | Link |
| 618 | Nilima Kulkarni | NA | iSTIMULI: Prescriptive Stimulus Design for Eye Movement Analysis of Patients with Parkinson's Disease | 2023 | 978-3-031-36401-3 | Yes | Springer Nature Switzerland | Link |
| 619 | Rajendra Pawar | NA | NeuroSight: Brain Tumor Classification using Deep Learning Techniques | 2023 | 979-8-3503-1478-6 | Yes | IEEE | Link |
| 620 | Dr.Ritesh Watharkar | Novel Processing Methods for Plant-Based Health Foods: Extraction, Encapsulation, and Health Benefits of Bioactive Compounds (Innovations in Agricultural & Biological Engineering) | | 2023 | 9781003284109 | YES | CRC Press; 1st edition (TAYLORE AND FRANCIES GROUP) | Link |
| 621 | Dr. Sagar Tambe | NA | Real-Time Clustering and Classification of Physiological Big Data for Healthcare Monitoring | 2023 | 979-8-3503-3182-0 | Yes | IEEE Industrial Electronics Society | Link |
| 622 | P. Chandre, Viresh Vanarote, Moushmee Kuri, Amit Uttarkar, Abhishek Dhore, Shafi Pathan | NA | Developing an Explainable AI Model for Predicting Patient Readmissions in Hospitals | 2023 | 979-8-3503-4757-9 | Yes | IEEE | Link |
| 623 | P. Chandre, Shafi Pathan | NA | Enhancing Intrusion Prevention with Explainable Convolutional Neural Networks: Recent Developments and Promising Applications | 2023 | 979-8-3503-9663-8 | Yes | IEEE | Link |
| 624 | Pankaj R Chandre, Viresh Vanarote, Madhukar Nimbalkar | NA | Explainable AI for Intrusion Prevention: A Review of Technique and Applications | 2023 | 978-981-99-3758-5 | Yes | SPRINGER | Link |
| 625 | Pankaj Chandre,Shafi Pathan, Uday Mande, Madhukar Nimbalkar, Viresh Vanarote | NA | Defending Against Vishing Attacks: A Comprehensive Review for Prevention and Mitigation Techniques | 2023 | 978-981-99-9811-1 | Yes | SPRINGER | Link |
| 626 | Swapnil Patil, Pankaj R Chandre, Viresh Vanarote, Shafi Pathan, Madhukar Nimbalkar | NA | Profanity Detection from Audio Recordings using Natural Language Processing Techniques | 2023 | 978-981-99-9811-1 | Yes | SPRINGER | Link |
| 627 | Shahin S Makubhai, Ganesh R Pathak, Pankaj R Chandre, | NA | Exploring the Trade-ofs between Blackbox and Explainable AI: A Comparative Study | 2023 | 979-8-3503-0426-8 | Yes | IEEE | Link |
| 628 | POURNIMA SUTAR | NA | ROLE OF BLOCKCHAIN IN HEALTH-CARE APPLICATION | 2023 | 979-8-3503-3376-3 | Yes | IEEE | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

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|---------|---|---|--|---------------------|-------------------|--|--|----------------------|
| 629 | Tejaswini Ankush Bhosale, Bhagyashree Shendkar, Mayuresh B. Gulame, Pooja Kadam, Rahul More | NA | Alzheimer's disease MRI image segmentation based on the enhanced U-net | 2023 | 979-8-3503-3376-3 | Yes | IEEE Explorer | Link |
| 630 | Tanuja Satish Dhope, Pranav Chippalkatti, Sulakshana Patil, Vijaya Gopalrao Rajeshwarkar, Dr.Jyoti Ramesh Gangane | NA | SLODS: Real –Time Smart Lane Detection and Object Detection System | 2023 | 9781003471059 | Yes | Taylor & Francis | Link |
| 631 | Rajendra Pawar | NA | Review of Reinforcement Learning in Chrome Dino Game | 2023 | 979-8-3503-0426-8 | Yes | IEEE | Link |
| 632 | Shradhha Phansalkar, Prof. Deepa Mishra, Prof. Neha Chaube, Prof. Rahul Sonkable | NA | Towards Adoption of Green Blockchain with Emphasis on Blockchain Type, Consensus Protocols, Data Sharding and Smart Contract | 2023 | 979-8-3503-3376-3 | Yes | IEEE | Link |
| 633 | Reena Gunjan | NA | Plant Pathologist- A Machine Learning Diagnostician for the Plant Disease | 2023 | 979-8-3503-3575-0 | Yes | IEEE | Link |
| 634 | Reena Gunjan | NA | Enhancing Urban Living - A Comprehensive Solution Using Machine Learning and IoT | 2023 | 979-8-3503-3575-0 | Yes | IEEE | Link |
| 635 | Reena Gunjan | NA | Exploratory Data Analysis and Prediction of Human Genetic Disorder and Species Using DNA Sequencing | 2023 | 978-3-031-47451-4 | Yes | IEEE | Link |
| 636 | Dr. Priya Singh & Prathamesh Nadkarni | Emerging Trends and Innovations in Industries of the Developing World | Awareness of Platform Skills Amongst the Faculty of Business Management, Pune, India | 2023 | 978—1-032-60103-8 | Yes | CRC press | Link |
| 637 | Dr.Yogita Chavan | Book Title: New Horizons in Natural Compound Research Chapter Title: nanoformulation of natural compound for herbicide and agri food application | NA | 2023 | 9780443152337 | Yes | Elsevier (Science Direct) | Link |
| 638 | Dr.Nilesh Kardile / Dr.Shubhangi Thakare | Electric and Mangnitic Field based processing Technologies for Food | NA | 2023 | 978-0-323-91158-0 | Yes | Elsevier (Science Direct) | Link |
| 639 | Dr.Nilesh Kardile / Dr.Shubhangi Thakare | Material Handling and Transportion Device. | NA | 2023 | 978-981-16-7288-0 | Yes | Springer | Link |
| 640 | Sanjay Indani, Anjali Bhoite, Vasant Pawar , Bhagwan Sakhale | The Role of Women in Cultivating Sustainable Societies Through Millets | NA | 2023 | 9781668498200 | Yes | IGI Global | Link |
| 641 | Kavita Mane & Vasant N. Pawar | Book Title: Novel Aspects of Pharmaceutical Research. | NA | 2023 | 978-0-323-91158-0 | Yes | BP International | Link |
| 642 | Mrs. Deepti N.Chaudhari | Title of Book: | NA | 2023 | 978-81-19149-59-9 | Yes | Kripa Drishti Publications, Pune | Link |
| 643 | Mrs. Deepti N.Chaudhari | Title of bOOK : Advances of Food Technology | NA | 2023 | 978-93-5834-006-8 | Yes | Integrated Publications, Delhi | Link |
| 644 | Dr. Bhalchandra P. Vibhute | Current Innovations in Chemical and Materials Sciences Vol. 3 | NA | 2023 | 978-81-967488-2-1 | Yes | B P International | Link |
| 645 | Dr. Gauri Athawale | Food Processing Waste and Utilization: Tackling Pollution and Enhancing Product Recovery | NA | 2023 | 978-10-03207-68-9 | Yes | CRC Press Taylor and Francis | Link |
| 646 | Dr. Kaninika Paul | Food Formulation for Sportspersons, In: The Functional Foods: Nutrient and Health Benefits | NA | 2023 | 9781032684055 | Yes | Apple academic press | Link |
| 647 | Deepti N.Chaudhari | Climate-Smart Agriculture and Food Security | NA | 2023 | 978-81-19149-59-9 | Yes | Kripa Drishti Publications | Link |
| 648 | Deepti N.Chaudhari | Advances of Food Technology | NA | 2023 | 978-93-5834-006-8 | Yes | Integrated Publications | Link |
| 649 | R.S. Agrawal | Phytochemicals as bioactive ingredients for functional foods, In: Recent Frontiers of Phytochemicals | NA | 2023 | 978-1-0716-3601-5 | Yes | Elsevier (Science Direct) | Link |
| 650 | Dr. S.V. Ghodke | Food Adulteration and Hygiene | NA | 2023 | 978-81-19338-69-6 | Yes | AGPH | Link |
| 651 | Dr. Yogita V. Chavan | Application of bacterial cellulose in food Industry | NA | 2023 | 9781003355434 | Yes | Taylor & Francis | Link |
| 652 | Dr.Madhavi Godbole | Atharvaveda Ek Parichay | NA | 2023 | print book | yes | Punaruthan Prakashan Seva Trust, Ahmedabad | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

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|---------|--|---|---|---------------------|----------------------------------|--|---|----------------------|
| 653 | Dr.Ritesh Watharkar | Nanotechnology Horizons in Food Process Engineering Volume 1: Food Preservation, Food Packaging, and Sustainable Agriculture | NA | 2023 | 9781003305378 | YES | CRC Press; 1st edition (TAYLORE AND FRANCIES GROUP) | Link |
| 654 | Dr. Atul Patil | Multidisciplinary Approaches to Research | Yayasan Corolla Education Centre (https://yayasancec.or.id) | 2023 | 978-623-88103-4-5 | YES | Yayasan Corolla Education Centre, Indonesia | Link |
| 655 | Dr.Ritesh Watharkar | Novel and Alternative Methods in Food Processing: Biotechnological, Physicochemical, and Mathematical Approaches (Innovations in Agricultural & Biological Engineering) | NA | 2023 | 9781003328605 | YES | CRC Press; 1st edition (TAYLORE AND FRANCIES GROUP) | Link |
| 656 | Dr.Atul Patil | Leading by Example | Missed but not forgotten | 2023 | - | Yes | Meera Marathe | Link |
| 657 | Ms. Malika Jain | The Knowledge Tree, Volume: 5 | NA | 2023 | 978-93-5996-628-1 | YES | Penchant Publications | Link |
| 658 | Kapoor N.; Verma S.; Sondhi N.; Bhardwaj R.; Sharma P. | PGPR (plant growth promoting rhizobacteria) mediated heavy metal tolerance in plants | NA | 2023 | 979-889113225-2; 979-889113160-6 | Yes | Nova Science Publishers, Inc. | Link |
| 659 | Malik J.A.; Goyal M.R.; Birwal P.; Watharkar R.B. | Plant-Based Bioactive Compounds and Food Ingredients: Encapsulation, Functional, and Safety Aspects | NA | 2023 | 978-100084514-3; 978-177491291-1 | Yes | Apple Academic Press | Link |
| 660 | Mujawar S.; Deshpande A.; Gherkar A.; Simon S.E.; Prajapati B. | Introduction to human-machine interface | NA | 2023 | 978-139420034-4; 978-139419991-4 | Yes | wiley | Link |
| 661 | Pawar S.; Futane P.; Uke N.; Bhise R.; Mandal P.; Khopade T.; Rasane T. | Coronavirus outbreak prediction analysis and coronavirus detection through X-ray using machine learning | NA | 2023 | 978-100077113-8; 978-177491253-9 | Yes | Apple Academic Press | Link |
| 662 | Nair D.S. | Positive psychology: An effective strategy to combat stress | NA | 2023 | 978-166848566-8; 978-166848565-1 | Yes | IGI Global | Link |
| 663 | Veena N.; Goyal M.R.; Watharkar R.B. | Novel and Alternative Methods in Food Processing: Biotechnological, Physicochemical, and Mathematical Approaches | NA | 2023 | 978-100073517-8; 978-177491162-4 | Yes | Apple Academic Press | Link |
| 664 | Gorfad V.; Sahoo D.; Hu X. | AI in energy harvesting | NA | 2023 | 978-877022880-0; 978-877022845-9 | Yes | River Publishers | Link |
| 665 | Bajaj D.K.; Siddharth P. | Artificial intelligence (AI) in electrical vehicles | NA | 2023 | 978-877022880-0; 978-877022845-9 | Yes | River Publishers | Link |
| 666 | Agrawal R.S.; Ranveer R.C.; Rathod N.B.; Nirmal N.P. | Phytochemicals as bioactive ingredients for functional foods | NA | 2023 | 978-044319143-5; 978-044315808-7 | Yes | Elsevier | Link |
| 667 | Choudhary M.L.; Prasad R.; Prasad J.; Ranjan N. | Detection of social mental disorder using convolution neural network | NA | 2023 | 978-044319096-4; 978-044319097-1 | Yes | Elsevier | Link |
| 668 | Kotwal M.J.; Kashyap R.; Shafi P. | Big Data and Smart Grid: Implementation-Based Case Study | NA | 2023 | 978-100382800-6; 978-103239290-5 | Yes | CRC Press | Link |
| 669 | Sharma P.; Kapoor N.; Dhiman S.; Kour J.; Singh A.D.; Sharma A.; Bhardwaj R. | Role of sugars in regulating physiological and molecular aspects of plants under abiotic stress | NA | 2023 | 978-032398332-7; 978-032398354-9 | Yes | Elsevier | Link |
| 670 | Bhardwaj T.; Sharma I.; Kapoor D.; Singh A.D.; Dhiman S.; Sharma P.; Devi K.; Sharma N.; Verma T.; Singh A.P.; Khanna K.; Ohri P.; Bhardwaj R. | Oilseed Cakes and Biocontrol Agents: Ticking on the Zero Hours of Root-Knot Nematode Infections | NA | 2023 | 978-100090917-3; 978-103233346-5 | Yes | CRC Press | Link |
| 671 | Raut R.; Pathak P.D.; Sakhare S.R.; Patil S. | Generative Adversarial Networks and Deep Learning: Theory and Applications | NA | 2023 | 978-100084055-1; 978-103206810-7 | Yes | CRC Press | Link |



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|---------|---|---|--|---------------------|----------------------------------|--|-------------------------------------|----------------------|
| 672 | Deokar S.K.; Pathak P.D. | Utilization of Rice and Sugarcane Ashes in Wastewater Treatment: A Case Study for Pesticide Removal from Aqueous Solution | NA | 2023 | 978-981197481-6; 978-981197480-9 | Yes | Springer Nature | Link |
| 673 | Pathak P.D.; Mandavgane S.A.; Kulkarni B.D. | Tomato Utilization: Techno-Economic and Social Aspects 15 | NA | 2023 | 978-981197481-6; 978-981197480-9 | Yes | Springer Nature | Link |
| 674 | Pathak P.D.; Jadhav A.R.; Deokar S.K.; Jogalekar S.; Gedam V. | Sustainable Fruit Peel Waste Biorefinery: Challenges and Future Perspectives | NA | 2023 | 978-981197481-6; 978-981197480-9 | Yes | Springer Nature | Link |
| 675 | Jain R.K.; Dhotre P.S.; Mane D.T.; Mahalle P.N. | Data Science for Civil Engineering: A Beginner's Guide | NA | 2023 | 978-100087346-7; 978-103232780-8 | Yes | CRC Press | Link |
| 676 | Chaudhari R.; Khadke P.; Joglekar S.; Pathak P.D. | Applications of Life Cycle Assessment in Biorefinery: Case Study on Mango Peel Waste Biorefinery | NA | 2023 | 978-981197481-6; 978-981197480-9 | Yes | Springer Nature | Link |
| 677 | Godse U.R.; Medhane D.V. | Handling Skewed Datasets in Computing Environments: The Classifier Ensemble Approach | NA | 2023 | 978-100095249-0; 978-103241723-3 | Yes | Springer Nature | Link |
| 678 | Sharma L.; Kahandal A.; Tagad C. | Extraction of alginate from natural resources | NA | 2023 | 978-032399853-6 | Yes | Elsevier | Link |
| 679 | Pathak P.D.; Mandavgane S.A. | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | NA | 2023 | 978-981197481-6; 978-981197480-9 | Yes | Springer Nature | Link |
| 680 | Satvekar R.; Chavan Y.; Sahoo A.; Nandre V.S. | Nanoformulations of natural compounds for herbicide and agri-food application | NA | 2023 | 978-044315232-0; 978-044315233-7 | Yes | Elsevier | Link |
| 681 | Sharma P.; Shivaraj S.M.; Mahadik V.A.; Kadoo N. | MicroRNA-Mediated Strategies for Conferring Biotic Stress Tolerance in Plants | NA | 2023 | 978-100099311-0; 978-103242544-3 | Yes | CRC Press | Link |
| 682 | Patil N.; Shendkar T.G.; Pardhi A.; Suthar S.P.; Patil G.S.; Pathak P.D. | Bioethanol Production from Agricultural Biomass: Sources of Cellulose, Pretreatment Methods, and Future Prospects | NA | 2023 | 978-981197481-6; 978-981197480-9 | Yes | Springer Nature | Link |
| 683 | Mujawar S.; Joshi M.; Deshpande A.; Gherkar A.; Kolhe S.; Prajapati B.G. | Bridging Bioinformatics and Chemoinformatics Approaches in Public Databases | NA | 2023 | 978-100095275-9; 978-103239657-6 | Yes | CRC Press | Link |
| 684 | Singh A.D.; Kour J.; Kumar P.; Sharma N.; Sharma P.; Madaan I.; Sharma I.; Kapoor N.; Singh A.P.; Bhardwaj R. | Role of jasmonates in regulating physiological and molecular aspects of plants under abiotic stress | NA | 2023 | 978-032398332-7; 978-032398354-9 | Yes | Elsevier | Link |
| 685 | Mujawar S.; Tikhe A.; Prajapati B.G. | Optimization and Quantification of Uncertainty in Machine Learning | NA | 2023 | 978-100095275-9; 978-103239657-6 | Yes | CRC Press | Link |
| 686 | Chavan Y.V.; Panesar P.S.; Kumar V. | Application of Bacterial Cellulose in the Food Industry | NA | 2023 | 978-100381407-8; 978-103239822-8 | Yes | CRC Press | Link |
| 687 | Dhiman S.; Singh A.D.; Kour J.; Bhardwaj T.; Devi K.; Tikoria R.; Ohri P.; Bhardwaj R.; Sharma P. | Redox homeostasis in response to abiotic stresses in plants | NA | 2023 | 978-032398332-7; 978-032398354-9 | Yes | Elsevier | Link |
| 688 | Patil N.; Sivaram A. | Antimicrobial peptides and their potent mechanism of action | NA | 2023 | 978-032399141-4; 978-032399142-1 | Yes | Elsevier | Link |
| 689 | Prasad R.S.; Prasad J.R.; Ranjan N.M. | Challenges and Avenues in the Sophisticated Health-Care System | NA | 2023 | 978-100089548-3; 978-103223267-6 | Yes | CRC Press | Link |
| 690 | Siddharth D.; Kaushik J. | A Cryptocurrency Price Prediction Study Using Deep Learning and Machine Learning | NA | 2023 | 978-981-19-8086-2 | Yes | Springer | Link |
| 691 | Sapate S.A.; Pathak G.R.; Tembhone O. | NA | Performance Evaluation of Data Migration Tools: A Comparative Study Based on Data Type, Size and Network Bandwidth | 2023 | 979-840070941-8 | Yes | Association for Computing Machinery | Link |



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| 692 | Mishra I.; Mahadik S.S.; Pawar P.M.; Muthalagu R.; Elakkiya R.; Kulkarni N. | NA | Learning-Tree Based Network Intrusion Detection for IoT | 2023 | 979-835030448-0 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 693 | Kasliwal P.S.; Gunjan R.; Shete V. | NA | Student Satisfaction Index in Synchronous e-Learning a Case Study | 2023 | 1613-0073 | Yes | CEUR-WS | Link |
| 694 | Kelkar A.; Jondhale D.; Borade R.; Juneja I.; Haran Y.; Pawar R.G. | NA | Revolutionizing the Driving Experience : Enhancing Safety and Comfort Using ADAS | 2023 | 979-835030426-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 695 | Gharat A.; Gundgole H.; Khot S.; Nalavade A.; Balaji K.; Gorfad V. | NA | Effect of double aerodisk over a hemispherical blunt body at supersonic speed | 2023 | 1551-7616 | Yes | American Institute of Physics Inc. | Link |
| 696 | Sukate S.; Wajage S.; Verma Y.; Tawde P.; Prasad J. | NA | High-Resolution Satellite Imagery Analysis for Terrain and Surface Data Extraction: Techniques and Applications | 2023 | 979-835030426-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 697 | Sukate S.; Bhalerao S. | NA | A Comparative Analysis of Deep Learning Algorithms for Predicting Parkinson's Disease, Chronic Kidney Disease, and Liver Disease | 2023 | 979-835030500-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 698 | Pawar M.V.; Phalphale A.S.; Prasad B.K.; Dingare S.V. | NA | DESIGN AND DEVELOPMENT OF AN ACTIVE MAGNETIC BEARING FOR ENHANCED LONGEVITY OF EARTH SENSOR | 2023 | NA | Yes | International Astronautical Federation, IAF | Link |
| 699 | Agrawal S.; Patle B.K.; Sanap S. | NA | Path Planning of UAV in an Uncertain Static Environment Using Probability Fuzzy Logic | 2023 | 979-835030698-9 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 700 | Sharma M.; Upadhye A.; Munishwar P.; Sanghani S.; Ram P.S.V.; Sahoo D. | NA | Computational and Analytical investigation of the effect of protrusion generated shock reflections on intake flow performance | 2023 | 978-162410699-6 | Yes | American Institute of Aeronautics and Astronautics Inc. | Link |
| 701 | Rajpurohit S.; Kaushik J.; Karad S.M. | NA | Marketing Automation Through AI: A Decision Support Strategy | 2023 | 979-835033086-1 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 702 | Salunke S.; Shinde S.; Singh I.; Sahoo D.; Vashishtha A. | NA | Detached Eddy Simulation of Unsteady Flow over a Frontal Cavity | 2023 | 978-162410699-6 | Yes | American Institute of Aeronautics and Astronautics Inc | Link |
| 703 | Bahadure N.B.; Patil P.D.; Birewar R.; Nayyar P.; Shrivastav A.; Oberoi M. | NA | Traffic Signal Detection and Recognition from Real-Scenes Using YOLO | 2023 | 979-835033852-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 704 | Naik A.; Charapalle S.; Kalekar Y.; Walave G.; Balaji K.; Bajaj D.K. | NA | CFD analysis on the effect of Pintle geometry in the performance of expansion Deflection Dual-Bell Nozzle | 2023 | 1551-7616 | Yes | American Institute of Physics Inc. | Link |
| 705 | Agrawal S.; Patle B.K.; Sanap S. | NA | Path Planning of UAV in Uncertain Static Environment Using Matrix Based Genetic Algorithm (MGA) | 2023 | 979-835031878-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 706 | Trivedi H.; Prabhu S.; Prabhu P.; Prabhu A. | NA | Artificial Intelligence and Machine Learning Model for Healthcare | 2023 | 979-835038465-9 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 707 | Nandagiri R.; Kumar S.S.; Nagrale P.; Chaure V.; Chormare S.; Chandrikapure A.; Sahoo D. | NA | Computational analysis for optimal location of open sunroof for an SUV with ahmed body profile | 2023 | 1551-7616 | Yes | American Institute of Physics Inc. | Link |
| 708 | Poonia R.C.; Upreti K.; Hundekari S.; Dadhich P.; Malik K.; Kapoor A. | NA | An Improved Image Up-Scaling Technique using Optimize Filter and Iterative Gradient Method | 2023 | 979-835031702-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 709 | Bhosale T.; Gulame M.; Shendkar B.; Kadam P.; More R.; Mali R. | NA | Alzheimer's Disease MRI Image Segmentation Based on the Enhanced U-Net | 2023 | 979-835034327-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 710 | Garje P.; Patle B.K. | NA | Intelligent Vehicle for Simulated Pothole Detection Using Image Processing | 2023 | 979-835031878-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |



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|---------|--|-----------------------------|---|---------------------|-----------------|--|--|----------------------|
| 711 | Upreti K.; Vats P.; Borkhade G.; Raut R.D.; Hundekari S.; Parashar J. | NA | An IoT System Utilizing Smart Contracts for Machine Learning -Based Authentication | 2023 | 979-835031487-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 712 | Lamsal A.; Paul A.; Buchade A.; Nalavade J.; Bidwe R. | NA | Implementing Secure Key Management and Distribution in Cloud Environment | 2023 | 979-835033376-3 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 713 | Govil N.; Batra N.; Thakral D.; Garg S.; Jain S. | NA | Analysis of Information Technology Outsourcing Services as Future Scope in Indian IT Industries | 2023 | 978-166545630-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 714 | Upreti K.; Sharma A.; Khatri V.; Hundekari S.; Gautam V.; Kapoor A. | NA | Analysis of Fraud Prediction and Detection Through Machine Learning | 2023 | 979-835030082-6 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 715 | Prasad R.S.; Waghmare R.C.; Pajgade T.B.; Raut R.R.; Mahajan M.L. | NA | A Comparative Study of Detection of Tuberculosis using Machine Learning & Deep Learning | 2023 | 978-938054447-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 716 | Jorvekar P.P.; Kishor Wagh S.; Prasad J.R. | NA | A Comprehensive Review on Deep learning Techniques for Crop Yield Prediction | 2023 | 979-835033575-0 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 717 | Chandre P.; Vanarote V.; Kuri M.; Uttarkar A.; Dhore A.; Pathan S. | NA | Developing an Explainable AI Model for Predicting Patient Readmissions in Hospitals | 2023 | 979-835034757-9 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 718 | Kaur S.; Kulkarni N. | NA | Dimensional Emotion Recognition Using EEG Signals via 1D Convolutional Neural Network | 2023 | 978-981199224-7 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 719 | Chandre P.R.; Vanarote V.; Patil R.; Mahalle P.N.; Shinde G.R.; Nimbalkar M.; Barot J. | NA | Explainable AI for Intrusion Prevention: A Review of Techniques and Applications | 2023 | 978-981993757-8 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 720 | kar I.; Ghosh A.P.; Mishra W. | NA | Hive: An Interface System Design Solution for the Development of Handloom Industry | 2023 | 978-981990263-7 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 721 | Moriarty S.; Spruce J.; Mathai S. | NA | CRITICAL PEDAGOGIES FOR COLLABORATIVE INNOVATION | 2023 | 978-191225419-4 | Yes | The Design Society | Link |
| 722 | Tambe S.B.; Gajre S.S.; Patil D.D. | NA | Real-Time Clustering and Classification of Physiological Big Data for Healthcare Monitoring | 2023 | 979-835033182-0 | Yes | IEEE Computer Society | Link |
| 723 | Gaikwad S.A.; Upasani D.; Shete V. | NA | Review and Trends on Hand Gesture Recognition of Sign Language based on Deep Learning Approaches | 2023 | 978-166545630-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 724 | Prasad J.R.; Parikh A.; Prasanth H.K. | NA | Exploration of Deep Learning Based Underwater Image Processing Techniques | 2023 | 978-938054447-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 725 | Pal M.; Prasad R. | NA | Sarcasm Detection followed by Sentiment Analysis for Bengali Language: Neural Network & Supervised Approach | 2023 | 979-835033381-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 726 | Govil N.; Sharma N.; Thakral D.; Garg S.; Dixit R.; Chaudhary S.L. | NA | A Proposed Architecture for Quality based Decision Making Approach for Software Re-engineering | 2023 | 979-835030009-3 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 727 | Acharjee P.B.; Magadum A.A.; Thejovathi M.; Jain R.; Umarani K.; Nishant N. | NA | An Innovative Method for Election Prediction using Hybrid A-BiCNN-RNN Approach | 2023 | 979-835034023-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 728 | Phansalkar S.; Mishra D.; Chaube N.; Sonkamble R. | NA | Towards Adoption of Green Blockchain with Emphasis on Blockchain Type, Consensus Protocols, Data Sharding and Smart Contracts | 2023 | 979-835033376-3 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 729 | Musale J.C.; Kumar Singh A.; Shirke S. | NA | Face Recognition From Video Using Enhanced Social Collie Optimization-based Deep Convolutional Neural Network | 2023 | 979-835033509-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |



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|---------|--|-----------------------------|---|---------------------|-----------------|--|--|----------------------|
| 730 | Gore S.; Dhindsa G.S.P.S.; Gore S.; Jagtap N.S.; Nanavare U. | NA | Recommendation of Contemporary Fashion Trends via AI-Enhanced Multimodal Search Engine and Blockchain Integration | 2023 | 979-835030009-3 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 731 | Gore S.; Jadhav D.D.; Ingale M.E.; Gore S.; Nanavare U. | NA | Leveraging BERT for Next-Generation Spoken Language Understanding with Joint Intent Classification and Slot Filling | 2023 | 979-835034834-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 732 | Gandhi A.; Shinde M.; Kulkarni R.; Chavan S.; Sayyed A.; Yedurkar D.; Phansalkar S. | NA | Study of Bitcoin Price Prediction Based on Sentiment Scores of Influencer Tweets with Experimental Validation | 2023 | 978-303135643-8 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 733 | Toney S.B.; Shafi P.M.; Dhotre P. | NA | Critical Analysis of Potato (Solanum Tuberosum) on Indian Overall Economy using Analytic Hierarchy Process | 2023 | 978-166547524-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 734 | Chitnis A.; Chandre P.; Pathan S. | NA | Enhancing Intrusion Prevention with Explainable Convolutional Neural Networks: Recent Developments and Promising Applications | 2023 | 979-835039663-8 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 735 | Kumaria A.; Rajkar A.; Raut A.; Nair R.S. | NA | Forecasting the Indian Financial Markets with LSTM and Price Indicators | 2023 | 978-981991409-8 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 736 | Nath N.; Salunke R.P.; Mishra W. | NA | Smart Refrigerator System: Enabling Healthy Cooking | 2023 | 978-981990292-7 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 737 | Mali Y.; Vyas B.; Borate V.K.; Sutar P.; Jagtap M.; Palkar J. | NA | Role of Block-Chain in Health-Care Application | 2023 | 979-835033376-3 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 738 | Soujanya K.V.; Tembhrne O. | NA | Analysis of Machine Learning Algorithms for Detection of Cyberbullying on Social Networks | 2023 | 978-303115174-3 | Yes | Springer | Link |
| 739 | Konda S.; Goswami C.; Somasekar J.; Ramana K.; Yajjala R.; Koti Mani Kumar Tirumanadham N.S. | NA | Optimizing Diabetes Prediction: A Comparative Analysis of Ensemble Machine Learning Models with PSO-AdaBoost and ACO-XGBoost | 2023 | 979-835031398-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 740 | Kumari B.; Singh V.; Kumar M. | NA | Securing Internet of Things Using Machine Learning Techniques: A Systematic Review | 2023 | 978-303143139-5 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 741 | Sajjan R.; Chaturvedi T.; Bhanusghare D.; Bansal Y. | NA | ProHealth - Improvised E-Health Care System | 2023 | 979-835033577-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 742 | Kale D.R.; Buchade A.; Nalavade J.; Sapate S.G.; Umbarkar A.J. | NA | Detecting Violations of Conditional Functional Dependencies in Distributed Database | 2023 | 979-835033376-3 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 743 | Upadhyay V.; Harbhajanka S.; Pangaonkar S.; Gunjan R. | NA | Exploratory Data Analysis and Prediction of Human Genetic Disorder and Species Using DNA Sequencing | 2023 | 978-303147450-7 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 744 | Magadam A.; Goud M.; Gopinath V.; Sankar P.P.; Sivadarshini B.; Ananthi M. | NA | An Innovative Method for Improving Speech Intelligibility in Automatic Sound Classification Based on Relative-CNN-RNN | 2023 | 979-835031398-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 745 | Bendale B.P.; Shirke S.D. | NA | Computer Science Responses to Abuse Toward Women and Children | 2023 | 979-835033280-3 | Yes | Institute of Electrical and Electronics Engineers Inc. | Link |
| 746 | Khanvilkar M.; Rastradhipati A.; Mishra W. | NA | DigiDrive: Making Driving School Management Effective | 2023 | 978-981169966-5 | Yes | Springer Science and Business Media Deutschland GmbH | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|--|--|---------------------|-------------------|--|--|----------------------|
| 747 | Pande V.; Mokashi A.; Patil S.; Singh A.; Jadhav N. | NA | Fitwave: A Posture Correction System Based on Machine Learning | 2023 | 978-303119957-8 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 748 | Patil A.; Keni Y.; Mishra W. | NA | CARSA—Smart Integrated Car Parking System | 2023 | 978-981195223-4 | Yes | Springer Science and Business Media Deutschland GmbH | Link |
| 749 | Haladar A.I.; Pagar N.D. | NA | Predictive control of zero moment point (ZMP) for terrain robot kinematics | 2023 | 2214-7853 | Yes | Elsevier Ltd | Link |
| 750 | Meena K.; Dhavalikar M.; Thorat S. | NA | A review on the position control of hydraulic cylinder for accuracy and response time | 2023 | 2214-7853 | Yes | Elsevier Ltd | Link |
| 751 | Gholap R.; Thorat S.; Chavan A. | NA | Review of current developments in lower extremity exoskeleton systems | 2023 | 2214-7853 | Yes | Elsevier Ltd | Link |
| 752 | Colvalkar A.; Pawar S.S.; Patle B.K. | NA | In-pipe inspection robotic system for defect detection and identification using image processing | 2023 | 2214-7853 | Yes | Elsevier Ltd | Link |
| 753 | Prof. Dr. Sunita Venkat Lahane, Dr. Ashwini Joshi, Dr. Vijaya Godane, Prof. Ashok Todamal | Case Study and Case Lets for Management Studies | | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 754 | Dr Chhabhi Chavan | Case Study and Case Lets for Management Studies | General Management Case Study and Case Lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 755 | Dr Chhabhi Chavan | Case Study and Case Lets for Management Studies | SUPPLY CHAIN Case Study and Case Lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 756 | Dr. Ashwini Joshi | Case Study and Case Lets for Management Studies | Marketing Case Study and Case Lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
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| 758 | Dr. Vijaya Godane | Case Study and Case Lets for Management Studies | Consumer Behaviour Case Study and Case Lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 759 | Dr. Vijaya Godane | Case Study and Case Lets for Management Studies | MIS and DBMS Case Study and Case Lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 760 | Prof. Ashok Todamal | Case Study and Case Lets for Management Studies | Accounting and Finance Case Study and Case Lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 761 | Prof. Ashok Todamal | Case Study and Case Lets for Management Studies | Business Analytics Case Study and Case Lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 762 | Prof. Ashok Todamal | Case Study and Case Lets for Management Studies | Cyber Law Case Studies and Case lets | 2023 | 978-93-93729-12-5 | YES | Skylight Publication, Pune | Link |
| 763 | Prof. Dr. Sunita Karad, Dr. Jitendra Kaushik, Dr. Vijaya Godane (Shinde), Dr. Padmakar Shahare | A Manual of Case Studies In Management | | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
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| 769 | Dr Ashok Todmal | A Manual of Case Studies In Management | Case Study Section 6 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 770 | Dr. Padmakar Shahare | A Manual of Case Studies In Management | Case Study Section 7 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
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| 773 | Dr. Ekta Talwar | A Manual of Case Studies In Management | Case Study Section 10 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 774 | Dr. Sudhir Agarwal | A Manual of Case Studies In Management | Case Study Section 11 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 775 | Dr. Ganesh Waghmare | A Manual of Case Studies In Management | Case Study Section 12 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
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| 777 | Dr. Jitendra Kaushik | A Manual of Case Studies In Management | Case Study Section 14 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 778 | Dr. Padmakar Shahare | A Manual of Case Studies In Management | Case Study Section 15 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 779 | Dr. Chhabhi Sinha | A Manual of Case Studies In Management | Case Study Section 16 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 780 | Dr. Geeta Rao | A Manual of Case Studies In Management | Case Study Section 17 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 781 | Dr. Padmakar Shahare | A Manual of Case Studies In Management | Case Study Section 18 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 782 | Dr. Vijaya Gondane | A Manual of Case Studies In Management | Case Study Section 19 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 783 | Dr. Ashwini Joshi | A Manual of Case Studies In Management | Case Study Section 20 | 2023 | 978-93-93729-38-5 | YES | Skylight Publication, Pune | Link |
| 784 | Dr Sangita B. Phunde | Introduction to IT22 - Database Management System (Oracle 10g) | | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|--|---|---------------------|-------------------|--|----------------------------|----------------------|
| 785 | Dr. Sangita B. Phunde | Introduction to IT22 - Database Management System (Oracle 10g) | Introduction to SQL | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 786 | Prof. Sunita Venkat | Introduction to IT22 - Database Management System (Oracle 10g) | The CREATE TABLE Statement | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 787 | Dr. Sangita B. Phunde | Introduction to IT22 - Database Management System (Oracle 10g) | Data Manipulation Language (DML) | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 788 | Prof. Hanif Pathan | Introduction to IT22 - Database Management System (Oracle 10g) | Database Transactions (DCL) | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 789 | Prof. Monica Jadhav | Introduction to IT22 - Database Management System (Oracle 10g) | Data Query Language (DQL- Select Statement) | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 790 | Dr. Sangita Phunde | Introduction to IT22 - Database Management System (Oracle 10g) | SQL Functions | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 791 | Prof. Hanif Pathan | Introduction to IT22 - Database Management System (Oracle 10g) | JOINS | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 792 | Dr. Sheetal Patil | Introduction to IT22 - Database Management System (Oracle 10g) | Group By | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 793 | Prof. Monica Jadhav | Introduction to IT22 - Database Management System (Oracle 10g) | SubQuery | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 794 | Prof. Sunita Venkat | Introduction to IT22 - Database Management System (Oracle 10g) | View | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 795 | Dr. Sangita Phunde | Introduction to IT22 - Database Management System (Oracle 10g) | Sequence | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 796 | Prof. Sheetal Patil | Introduction to IT22 - Database Management System (Oracle 10g) | Index | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 797 | Dr. Archana N Singh | Introduction to IT22 - Database Management System (Oracle 10g) | Synonyms | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 798 | Prof. Bhima Sanap | Introduction to IT22 - Database Management System (Oracle 10g) | Controlling User Access | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
| 799 | Prof. Monica Jadhav | Introduction to IT22 - Database Management System (Oracle 10g) | Using Set Operator | 2023 | 978-93-93729-63-7 | YES | Skylight Publication, Pune | Link |
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| 801 | Anjali Bhoite, Shivaji Sathe Nilesh Gaikwad | A Guide to Food Technology | Exploring the opportunities in wine research with consumer health perspectives | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
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| 803 | Dr. Kaninika Paul, Miss Dipi Chavan | A Guide to Food Technology | Giloy (<i>Tinospora cordifolia</i>): A Versatile Medicinal Plant for Health and Wellness | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 804 | Dr. Nitin Suradkar, Mr. Swapnil Patharkar | A Guide to Food Technology | Therapeutic Potentials of <i>Nyctanthes arbor-tristis</i> L.: Traditional and Modern Uses | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
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| 808 | Vaibhavi Rasal ¹ , Kaninika Paul ¹ , Anjali Bhoite ¹ , Soumi Chakraborty ² | A Guide to Food Technology | Bioactive Potential of Small Cardamom: Extraction Techniques and Functional Food Applications | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 809 | Dr. Anjali Bhoite | A Guide to Food Technology | Complementary Feeding and Nutritional Strategies for Alleviating Malnutrition in Infants and Vulnerable Populations | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|---|--|---------------------|-------------------|--|----------------------------|----------------------|
| 810 | Ms. Vaibhavi Uttarwar | A Guide to Food Technology | Impact on Health: Addressing Malnutrition through biofortified Millets | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 811 | Snehal Gaikwad | A Guide to Food Technology | Leveraging Artificial Intelligence: An Approach to mitigating Post-Harvest Losses in Agriculture | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 812 | Nikhilesh M. Amlepatil1 Anjali A. Bhoite2 | A Guide to Food Technology | Dietary Fiber: Sources and Novel Extraction Technologies | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 813 | Shere P.D | A Guide to Food Technology | Effect of drying on nutritional quality of fruit leathers | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 814 | Dr. Gauri Athawale | A Guide to Food Technology | Selection of construction material for designing and fabrication food processing equipment | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 815 | Dr. Yogita Chavan | A Guide to Food Technology | Plant-based meat analogues | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 816 | Dr. Rinku Agrawal | A Guide to Food Technology | Apple Pomace in Functional Bakery Products: A Pathway to Health and Sustainability | 2023 | 978-93-93729-93-4 | YES | Skylight Publication, Pune | Link |
| 817 | Dr Priya Singh, DR Ajita Deshmukh, Dr Neeta Mahvan | Comprehensive Guide to Educating Students | | 2023 | 978-93-93729-41-5 | YES | Skylight Publication, Pune | Link |
| 818 | Seema Suresh Shahane, Dr. Namrata Kamble | Comprehensive Guide to Educating Students | Importance of focusing on Mental health of 21st century Pre-sea merchant navy cadets and its role in development of learning skills under National Education | 2023 | 978-93-93729-41-5 | YES | Skylight Publication, Pune | Link |
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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|---|---|---------------------|-------------------|--|----------------------------|----------------------|
| 829 | Dr. Shashikala Yadav (Asst. Prof, SOER) | Comprehensive Guide to Educating Students | Effect Of Instagram On Students: Research Trends | 2023 | 978-93-93729-41-5 | YES | Skylight Publication, Pune | Link |
| 830 | Omkar Sable (Student, SOER) and Dr. Neeta Mhavan (Asst. Prof, SOER) | Comprehensive Guide to Educating Students | Development of a programme to enhance speed and accuracy of solving problems based on integers | 2023 | 978-93-93729-41-5 | YES | Skylight Publication, Pune | Link |
| 831 | Dr. Ajita Deshmukh (Asst. Prof, SOER) | Comprehensive Guide to Educating Students | Integrating Collaborative Tools into Course Design: Enhancing Learning with Jamboard | 2023 | 978-93-93729-41-5 | YES | Skylight Publication, Pune | Link |
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| 838 | Prof. Bhagyashri Patil, Prof. Abhijeet Galatage | Civilia: A Collection of Essay from Civil Engineering | Effluent Treatment Plant for a Dairy Industry | 2023 | 978-93-93729-53-8 | YES | Skylight Publication, Pune | Link |
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| 842 | Vijaykumar Gorfad, Yash Patel1, Aayushi Jain, Atharved Deshmukh, Atharva Parab, Pandi Siddharth | Flyway to Aerospace Engineering | Comparative Study of Jet A-1 and its blends with Butanol and Butyl-butyrate | 2023 | 978-93-93729-31-6 | YES | Skylight Publication, Pune | Link |
| 843 | Dinesh Kumar Bajaj, Vidhanshu Jadhav, Vedant Chaudhari1, Anjali Mistry, Sunil Dingare, Krishna Jadhav | Flyway to Aerospace Engineering | AN OVERVIEW AND RECENT ADVANCEMENTS IN DISTRIBUTED PROPULSION SYSTEM | 2023 | 978-93-93729-31-6 | YES | Skylight Publication, Pune | Link |
| 844 | Krishna B. Jadhav, Sunil V. Dingare1, Dinesh Kumar Bajaj, Vijay Kumar Gorfad, Siddharth Pandi | Flyway to Aerospace Engineering | Morphing Wing Structure Based On Octahedron Cells Coupled With Shape Memory Alloys | 2023 | 978-93-93729-31-6 | YES | Skylight Publication, Pune | Link |
| 845 | Prof Sambit Pal, Dr Mayura Bijale | Investigative Approach to Journalism | | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 846 | Sambit Pal, Dr Mrinal Chatterjee | Investigative Approach to Journalism | Media, Democracy and Governance in a Digital World: Importance of hyperlocal journalism in Indian languages | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 847 | Dr Mayura Bijale | Investigative Approach to Journalism | The Foundations of Investigative Journalism: History and Evolution | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 848 | Sambit Pal, Dr Mrinal Chatterjee | Investigative Approach to Journalism | The Ethics of Investigative Reporting: Navigating Legal and Moral Dilemmas | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|--|--|---------------------|-------------------|--|----------------------------|----------------------|
| 849 | Dr Mayura Bijale | Investigative Approach to Journalism | Researching the Hidden Truth: Developing Critical Investigative Skills | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 850 | Sambit Pal, Dr Mrinal Chatterjee | Investigative Approach to Journalism | Sources and Confidentiality: Building Trust in Journalism | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 851 | Sameeran Datta Walvekar | Investigative Approach to Journalism | Data Journalism: Harnessing Big Data for Investigative Reporting | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 852 | Sambit Pal | Investigative Approach to Journalism | Uncovering Corruption: Investigating Political Scandals and Public Affairs | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 853 | Mayura Dhanajay Bijale | Investigative Approach to Journalism | Corporate Whistleblowers: Unmasking Corporate Malfeasance | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 854 | Rahul Ramling Kapure | Investigative Approach to Journalism | Journalistic Integrity in the Digital Age: Avoiding Fake News and Disinformation | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 855 | Rahul Vidya Mane | Investigative Approach to Journalism | Surveillance and Surveillance Reporting: Navigating Privacy Concerns | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 856 | Kashif Hasan | Investigative Approach to Journalism | Investigating Environmental Crimes: Journalism for Planetary Justice | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 857 | Ankita Kumari | Investigative Approach to Journalism | Investigating Human Rights Violations: A Global Journalist's Perspective | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 858 | Sameeran Datta Walvekar | Investigative Approach to Journalism | Cross-Border Journalism: Collaboration in Global Investigative Projects | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 859 | Sambit Pal | Investigative Approach to Journalism | Freedom of Information: Leveraging FOIA and Open-Source Investigations | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 860 | Mayura Dhanajay Bijale | Investigative Approach to Journalism | Investigating Organized Crime and Illicit Networks | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 861 | Rahul Ramling Kapure | Investigative Approach to Journalism | Digital Forensics for Journalists: Using Technology in Investigations | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 862 | Rahul Vidya Mane | Investigative Approach to Journalism | Danger in the Field: Security and Safety for Investigative Journalists | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 863 | Kashif Hasan | Investigative Approach to Journalism | Storytelling in Investigative Journalism: From Discovery to Publication | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 864 | Ankita Kumari | Investigative Approach to Journalism | Investigating Financial Crimes: Following the Money Trail | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 865 | Kashif Hasan | Investigative Approach to Journalism | Fact-Checking and Verification: Ensuring Accuracy in Investigations | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 866 | Sambit Pal | Investigative Approach to Journalism | The Future of Investigative Journalism: Adapting to Changing Media Landscapes | 2023 | 978-93-93729-82-8 | YES | Skylight Publication, Pune | Link |
| 867 | Prof. Dr. Anjali Bhoite, PROF. DR. N. G. SURADKAR | Millet Marvel Ragi Cake | NA | 2023 | 978-93-93729-35-4 | YES | Skylight Publication, Pune | Link |
| 868 | Prof. Dr. Anjali Bhoite, PROF. DR. N. G. SURADKAR | PRODUCTION OF SORGHUM-OAT COOKIES | NA | 2023 | 978-93-93729-83-5 | YES | Skylight Publication, Pune | Link |
| 869 | Prof. Dr. Anjali Bhoite Dr. Vaibhav Patil | MULTI-MILLET COOKIES | NA | 2023 | 978-93-93729-26-2 | YES | Skylight Publication, Pune | Link |
| 870 | Dr. Anjali A. Bhoite, Dr. Dinkar Kamble | Nata de Coco Based Aam Panna | NA | 2023 | 978-93-93729-19-4 | YES | Skylight Publication, Pune | Link |
| 871 | Dr. Anjali A. Bhoite, Prof. Akshay Aghav | PRODUCTION OF ROASTED MILLET AND CEREAL BASED CHIWDA | NA | 2023 | 978-93-93729-06-4 | YES | Skylight Publication, Pune | Link |
| 872 | Dr. Anjali A. Bhoite, Dr. Ganesh J. Bhavsar | Banana Fig | NA | 2023 | 978-93-93729-32-3 | YES | Skylight Publication, Pune | Link |
| 873 | Dr. Anjali A. Bhoite, Prof. Fayaj L. Pathan | PRODUCTION OF CORNFLOUR SHORTBREAD | NA | 2023 | 978-93-93729-42-2 | YES | Skylight Publication, Pune | Link |
| 874 | Dr. Anjali A. Bhoite, Dr. S.M Thakre | LEMON AND HONEY CARBONATED BEVERAGE (LIME-TIME) | NA | 2023 | 978-93-93729-39-2 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|---|--|---------------------|-------------------|--|----------------------------|----------------------|
| 875 | Dr. Anjali A. Bhoite, Dr. Yogita Chavan | Millet Magic Bhujia | NA | 2023 | 978-93-93729-17-0 | YES | Skylight Publication, Pune | Link |
| 876 | Dr. Anjali A. Bhoite Dr. Sujata Ghodke | MILCHO- MILLET CENTERED CHOCOLATE | NA | 2023 | 978-93-93729-13-2 | YES | Skylight Publication, Pune | Link |
| 877 | Dr. Anjali A. Bhoite, Prof. Dr. Prerana Shere | Chocolate Chickpea Brownie | NA | 2023 | 978-93-93729-99-6 | YES | Skylight Publication, Pune | Link |
| 878 | Dr. Anjali A. Bhoite Dr. Rinku S. Agrawal | Nutri-Crunch | NA | 2023 | 978-93-93729-43-9 | YES | Skylight Publication, Pune | Link |
| 879 | Dr. Anjali A. Bhoite Prof. Dr. K.A. Mane | Nutrifast – Energy Fasting Bar | NA | 2023 | 978-93-93729-25-5 | YES | Skylight Publication, Pune | Link |
| 880 | Dr. Anjali A. Bhoite Dr. S. T. Gaikwad | ANALYSIS AND MARKETING OF “KHARWADI” | NA | 2023 | 978-93-93729-76-7 | YES | Skylight Publication, Pune | Link |
| 881 | Dr. Anjali A. Bhoite Prof. Dipti H. Chavan | Ragi Ambil | NA | 2023 | 978-93-93729-27-9 | YES | Skylight Publication, Pune | Link |
| 882 | Dr Renu Vyas, Dr Nayana Patil | Critical Insights into Bioengineering | NA | 2023 | 978-93-93729-78-1 | YES | Skylight Publication, Pune | Link |
| 883 | Sulaxna Pandeya | Critical Insights into Bioengineering | Cardiovascular Disease Landscape in India | 2023 | 978-93-93729-78-1 | YES | Skylight Publication, Pune | Link |
| 884 | Dr. Renu Vyas | Critical Insights into Bioengineering | n-3 PUFAs Coated Liposomes: A Novel Approach to Ovarian Cancer Therapy | 2023 | 978-93-93729-78-1 | YES | Skylight Publication, Pune | Link |
| 885 | Mrs. Pradnya Gurav, Dr. Kedar R.N. | Critical Insights into Bioengineering | Evaluating the Therapeutic Potential of Imatinib in c-KIT Positive Acute Myeloid Leukemia: A Study on the KG-1a Cell Line | 2023 | 978-93-93729-78-1 | YES | Skylight Publication, Pune | Link |
| 886 | Anil Kumara and Priyanka Sharmab | Critical Insights into Bioengineering | SARS-CoV-2 and Covid vaccines: A historical perspective | 2023 | 978-93-93729-78-1 | YES | Skylight Publication, Pune | Link |
| 887 | Nayana Patil and Aruna Sivaram | Critical Insights into Bioengineering | Unrevealing the potential of microbes and plants to combat Glycation | 2023 | 978-93-93729-78-1 | YES | Skylight Publication, Pune | Link |
| 888 | Nayana Patil | Critical Insights into Bioengineering | The Intricate Defence Mechanisms in radiation resistant Deinococcus radiodurans | 2023 | 978-93-93729-78-1 | YES | Skylight Publication, Pune | Link |
| 889 | Prof Dr. Alkawati. A. Magadam, Prof Dr. Alkawati. A. Magadam | Textbook on Principles of C Programming | | 2023 | 978-93-93729-22-4 | YES | Skylight Publication, Pune | Link |
| 890 | Dr Jignasha Dalal Dr Niraja Jain Dr Vipul Dalal | BlockChain Guide | | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 891 | Dr Vipul Dalal | BlockChain Guide | AI vs. Generative AI in BFSI: A Comparative Analysis with a Twist | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 892 | Ms. Jignasha Dalal, | BlockChain Guide | Cross Border Child Traffic Prevention Using Permissioned Blockchain And Edge Computing | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 893 | Ms. Jignasha Dalal, | BlockChain Guide | BLOCKCHAIN-BASED PLATFORM TO VERIFY STUDENT IDENTITY AND EDUCATIONAL CERTIFICATES | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 894 | Dr Vipul Dalal | BlockChain Guide | Metaverse | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 895 | Dr Vipul Dalal | BlockChain Guide | Analysis of different Distributed Ledger Technologies (DLTs) and Implementation of a large-scale Identity Management system using different DLTs | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 896 | Ms. Jignasha Dalal | BlockChain Guide | Recent research: Integration of Blockchain & IoT | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 897 | Dr Vipul Dalal | BlockChain Guide | The Fusion of Blockchain and AI in the Banking and Finance Industry | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 898 | Dr. Niraja Jain | BlockChain Guide | Blockchain and Financial Inclusion: Opportunities and Challenges | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |
| 899 | Dr. Niraja Jain | BlockChain Guide | The Future of Blockchain Governance: Decentralization vs. Centralization | 2023 | 978-93-93729-09-5 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|--|--|---------------------|-------------------|--|----------------------------|----------------------|
| 900 | Dr. Alkawati Magadam, Dr. Sangita Phunde | Practical Programs on C | | 2023 | 978-93-93729-34-7 | YES | Skylight Publication, Pune | Link |
| 901 | Dr. Madhavi Godbole | Distinct Vison of Vedic Sciences | | 2023 | 978-93-93729-23-1 | YES | Skylight Publication, Pune | Link |
| 902 | Dr. Amruta Punjabi and Manasi Babaje | Distinct Vison of Vedic Sciences | A Systematic Review: Development of Creativity and Aptitude Tools for Architecture Students | 2023 | 978-93-93729-23-1 | YES | Skylight Publication, Pune | Link |
| 903 | Ananya Shankarananda Shastry, Anshika Mehrotra, Dr. Madhavi Godbole | Distinct Vison of Vedic Sciences | An Indian Model of the Self and Well-Being: Reconceptualising Triguna and Pañcakosa | 2023 | 978-93-93729-23-1 | YES | Skylight Publication, Pune | Link |
| 904 | Dr. Anupama Ryali | Distinct Vison of Vedic Sciences | EXPLORING THE INFLUENCE OF INDIC AESTHETICS ON 'GOLU': POPULAR TRADITION IN INDIAN FESTIVALS | 2023 | 978-93-93729-23-1 | YES | Skylight Publication, Pune | Link |
| 905 | Dr. Amruta Punjabi, Manasi Babaje | Distinct Vison of Vedic Sciences | Understanding Neurotic Rigidity through the lens of the Panchakosha Model | 2023 | 978-93-93729-23-1 | YES | Skylight Publication, Pune | Link |
| 906 | Dr. Madhavi Shekhar Godbole | Atharvved: Ek Parichay | | 2023 | 978-93-93729-86-6 | YES | Skylight Publication, Pune | Link |
| 907 | Dr. Madhavi Shekhar Godbole | अथर्ववेद का परिचयात्मक संक्षिप्त अवलोकन | | 2023 | 978-93-93729-87-3 | YES | Skylight Publication, Pune | Link |
| 908 | Dr. Alkawati Magadam | DATA STRUCTURES USING PYTHON | | 2023 | 978-93-93729-52-1 | YES | Skylight Publication, Pune | Link |
| 909 | Prof. Dr. Alkawati. A. Magadam, Prof. Dr. Rachana Chavan, Prof. Dr. Sangita Phunde | Critical Estimate of Database Management System (DBMS) | | 2023 | 978-93-93729-65-1 | YES | Skylight Publication, Pune | Link |
| 910 | Dr. Alkawati Magadam | Object Oriented Programming Using C++ | | 2023 | 978-93-93729-56-9 | YES | Skylight Publication, Pune | Link |
| 911 | Dr. Atul Patil, Dr. Ashok Ghuge | Selected Essays on Humanities | | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 912 | Dr. Nandkumar S. Shinde | Selected Essays on Humanities | Up from the slavery: A Study of Black Autobiography | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 913 | Dr. Nandkumar Shinde, Dr. Atul Patil | Selected Essays on Humanities | Translation: The Cultural and Emotional Act | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 914 | Prof. Rajabhau V. Patil, Prof. Dhaval Sharma, Dr. Jayashri Nalkar | Selected Essays on Humanities | Nature's Voice: Ecocritical Perspectives in the Poetry of Dilip Chitre | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 915 | Srija Naskar | Selected Essays on Humanities | Anthropocene and Caste: Examining human-non human relation through 'entanglement' in Aravind Malagatti's autobiography Government Brahmana | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 916 | Swizel Pinto, Prof. Nilanjana Mukherjee, Prof. Amisha Jayakar | Selected Essays on Humanities | Making of a Monster: Caligula, The Panopticon and Logic | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 917 | Swizel Pinto, Prof. Siddhi Lonkar | Selected Essays on Humanities | Who Gets the Girl? An Analysis of Incest in Shirley Jackson's We Have Always Lived in the Castle | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 918 | Saroj Yadav and Suvarna Bhagwat | Selected Essays on Humanities | Degree of Convergence of a Function using Sobolev Spaces | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 919 | Dr. Ramakant Kaplay & Dr. Narendra Joshi (Authors) Prof. Pushpa Atole (Translator) | Path_Ucchhatar Shiksha Se Charitravan Banane Ka | | 2023 | 978-93-93729-98-9 | YES | Skylight Publication, Pune | Link |
| 920 | Dr. Sunita Karad, Dr. Ashok Todmal, Prof. Manadar Brahme, Dr. Ritesh Watharkar, Dr. Anupama Devkate, Dr. Sushma Lokhande, Dr. Raisa Shaikh | Precision Agriculture | | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|---|---|--|---------------------|-------------------|--|----------------------------|----------------------|
| 921 | Mr. Atharva Sawant | Precision Agriculture | From Soil to Success: The Precision Agriculture Revolution | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 922 | Atish Ratan Pagare | Precision Agriculture | Precision Agriculture: Revolutionizing Farming for a Sustainable Future | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 923 | Chinmay Shailesh Patil | Precision Agriculture | Precision Agriculture: Innovations and Future Prospects | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 924 | Divya Bollagan | Precision Agriculture | The Future of Farming: How Precision Agriculture is Revolutionizing Productivity and Sustainability | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 925 | Esha Sharma | Precision Agriculture | Precision Agriculture: Technological Innovations, Sustainable Practices, and Future Directions | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 926 | Shavya Patel | Precision Agriculture | Precision Agriculture: Harnessing Technology for Smarter, Sustainable Farming | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 927 | Kanhaiya Tathe | Precision Agriculture | Organic Farming: A Sustainable Path to Healthier Soils, Food, and Environment | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 928 | Gunjan Kishor Vaidya | Precision Agriculture | Revolutionizing Agriculture: The Role of Precision Farming in Sustainability and Technological Advancement | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 929 | Harshad Shridhar Pund | Precision Agriculture | 9 From Data to Harvest: The Role of Precision Agriculture in Modern Farming | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 930 | Heramb Patil | Precision Agriculture | Harnessing Technology for Agricultural Sustainability: Precision Farming in Maharashtra and Haryana | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 931 | Prajakta Ghume | Precision Agriculture | Smart Fields: Shaping the Future of Farming with Precision Agriculture | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 932 | Shreyas Hemant Padwal | Precision Agriculture | The Future of Agriculture: How Precision farming is Transforming Crop Management and Sustainability | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 933 | Shreyas Wargude, Srushti Patil, Tejaswini Gaikwad | Precision Agriculture | The Rise of Precision Farming: A Path to Sustainable Agriculture in India | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 934 | Sayma Hamid Mulani | Precision Agriculture | Data-Driven Farming: The Evolution of Precision Agriculture and Its Global Impact | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 935 | Dr. Sunita Karad, Dr.Geeta Srinivas Rao | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 936 | Aditya Sharma | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study on impact of Natural Disasters w.r.t Orissa state | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 937 | Akshat Badgajjar & Aditi Rothe | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Rajasthan's Quest for clean water: Achieving SDG-6 | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 938 | Anish Manjunath Sawant | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | SDG-13 In Goa: A study on employment and climate action | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 939 | Anisha Zende | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study of global sustainable goals with respect to problems faced by Tamil Nadu | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 940 | Arya Nambiar | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Introduction to Kerala's Clean Water and Sanitation | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
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| 942 | Sawant Atharva Vikram | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | SDG-11 in Maharashtra: Make cities inclusive, safe, resilient and sustainable | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 943 | Bhumika Kadam | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study on impact of Natural Disasters and Climate change w.r.t Sikkim state | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 944 | Ethan Dcosta | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A Study on the Inequalities & injustice experienced in Kashmir | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 945 | Ishita Tewari | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study on healthcare w.r.t Uttarakhand State | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 946 | Kumar Puroosarth and Moin shaikh | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Study of Gangetic Dolphins with reference to SDG14 - | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |



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| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|--|---|---------------------|---|--|--------------------------------------|----------------------|
| 947 | Melroy Julian | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Bridging the Divide: Addressing Inequalities and Injustice in Manipur | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 948 | Nampally Hritrisha Laasya | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Enhancing Irrigation Infrastructure in Telangana: A Key to Achieving SDG 9 | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 949 | Shivtej Khose | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study on Education and Health SDG from Indian perspective | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 950 | Shreevani | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | What about a Green Revolution in the Concrete Jungle? | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 951 | Varada Ghatge | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A Study on the Quality Education in Karnataka | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 952 | Manish Ashok Choudhary | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Assessing the Impact of Sustainable Practices in Haryana | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 953 | Kyle Mollan | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Study to improve the Income Disparity in Assam | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 954 | Alkawati Magadam, Dr.Sangita Phunde | Practical programs on on 'C' Programming | | 2023 | 978-93-93729-34-7 | YES | Skylight Publication, Pune | Link |
| 955 | Dr. Yogita Chavan | New Horizons in Natural Compound Research Progress in Biochemistry and Biotechnology | Nanoformulations of natural compounds for herbicide and agri-food application | 2023 | 9780443152320 | Yes | Academic press, Elsevier | Link |
| 956 | Dr. Pranav Pathak | Biorefinery: Applications in the production of Biomaterials, Biochemicals and Biofuels | Book | 2023 | 9789811974809 | Yes | Springer | Link |
| 957 | Dr. Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Tomato Utilization: Techno—Economic and Social Aspects | 2023 | 9789811974809 | Yes | Springer | Link |
| 958 | Dr. Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Sustainable Fruit Peel Waste Biorefinery: Challenges and Future Perspectives | 2023 | 9789811974809 | Yes | Springer | Link |
| 959 | Dr. Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Applications of Life Cycle Assessment in Biorefinery: Case Study on Mango Peel Waste Biorefinery | 2023 | 9789811974809 | Yes | Springer | Link |
| 960 | Dr. Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Bioethanol Production from Agricultural Biomass: Sources of Cellulose, Pretreatment Methods, and Future Prospects | 2023 | 9789811974809 | Yes | Springer | Link |
| 961 | Dr. Pranav Pathak | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Utilization of Rice and Sugarcane Ashes in Wastewater Treatment: A Case Study for Pesticide Removal from Aqueous Solution | 2023 | 9789811974809 | Yes | Springer | Link |
| 962 | Dr. Pranav Chippalkatti | Applied Data Science and Smart Systems | SLODS: Real-time smart lane detection and object detection system | 2023 | ISBN: 9781032748146 (pbk) ISBN: 9781003471059 (ebk) DOI : 10.1201/9781003471059 | Yes | CRC Press (Taylor and Francis Group) | Link |
| 963 | Prof.Sonali Deshpande and Dr.Nilima Kulkarni | Sustainable Energy Solutions with Artificial Intelligence, Blockchain Technology, and Internet of Things | Energy-Efficient Task Offloading in Edge Computing with Energy Harvesting | 2023 | 9781003356639 | Yes | CRC Press (Taylor and Francis Group) | Link |
| 964 | Dr. Uma Godase | Applied Computer Vision and Soft Computing with Interpretable AI | Handling Skewed Datasets in Computing Environments: The Classifier Ensemble Approach | 2023 | eBook ISBN 978-981-16-7289-7 | Yes | CRC Press - Taylor & Francis | Link |
| 965 | Prof. Shakti Banerjee | Designs - MDPI | User Experience Evaluation of a Virtual Reality Tool Used for 3D Modelling in Industrial Design Education: A Study in the Indian Context. | 2023 | designs7050105 | Yes | Journal - scopus | Link |
| 966 | Dr. Priya Singh & Prathamesh Nadkarni | Emerging Trends and Innovations in Industries of the Developing World | Awareness of Platform Skills Amongst the Faculty of Business Management, Pune, India | 2023 | (ISBN: 978—1-032-60103-8 | Yes | CRC press | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|----------------------------|--|---|---------------------|--|--|--|----------------------|
| 967 | Divya Nair | Positive Psychology: An Effective Strategy to Combat Stress in book titled Perspectives on Stress and Wellness Management in Times of Crisis | | 2023 | ISBN13: 9781668485651 ISBN10: 1668485656 EISBN13: 9781668485668 ISBN13 Softcover: 9781668489178 | Yes | IGI Global | Link |
| 968 | Divya Nair | Investigating Strategies to Enhance Critical Thinking among Teacher Trainees: A Meta-Analysis Extending into a Projected Program Built on Positive Psychology Principles | Outcome based curriculum and pedagogy : Contemporary research studies | 2023 | 9789391308506 | Yes | Department of Teacher Education Jamia Ismail University, New Delhi | Link |
| 969 | Dr Jayashree Rajesh Prasad | Practical Data Mining Techniques and Applications | Challenges and Avenues in the sophisticated health care system | 2023 | 978-1-003-39022-6 | Yes | CRC Press (Taylor and Francis) | Link |
| 970 | Dr Jayashree Rajesh Prasad | Graph Learning and Network Science for natural language processing | Ontology and Knowledge graphs for Natural Language processing | 2023 | 978-1-032-22456-5 | Yes | CRC Press (Taylor and Francis) | Link |
| 971 | Prof. Pooja Kadam | Introduction to AI And ML | Book | 2023 | ISBN- 978-93-5757-572-0 | Yes | Scientific international publishing house | Link |
| 972 | Dr Rajesh Prasad | Graph Learning and Network Science for natural language processing | Book | 2023 | 978-1-032-22456-5 | Yes | CRC Press (Taylor and Francis) | Link |
| 973 | Dr Rajesh Prasad | Practical Data Mining Techniques and Applications | Challenges and Avenues in the sophisticated health care system | 2023 | 978-1-003-39022-6 | Yes | CRC Press (Taylor and Francis) | Link |
| 974 | Dr Rajesh Prasad | Graph Embeddings for Natural Language Processing | Graph Learning and Network Science for natural language processing | 2023 | 978-1-032-22456-5 | Yes | CRC Press (Taylor and Francis) | Link |
| 975 | Dr Rajesh Prasad | Cyber Security Threats and Challenges facing Human Life | Impact of the covid 19 pandemic on cyber security issues in the health care domain: A scoping review | 2023 | 978-1-032-11128-5 | Yes | CRC Press (Taylor and Francis) | Link |
| 976 | Dr. Nayana Patil | Biorefinery: A Sustainable Approach for the Production of Biomaterials, Biochemicals and Biofuels | Bioethanol Production from Agricultural Biomass: Sources of Cellulose, Pretreatment Methods, and Future Prospects | 2023 | 9789811974809 | Yes | Springer | Link |
| 977 | Dr. Nayana Patil | Lantibiotics as Alternative Therapeutics explores alternative therapeutics | Antimicrobial peptides and their potent mechanism of action | 2023 | 978-0-323-99141-4 | Yes | Academic press, Elsevier | Link |
| 978 | Jyoti Gavhane | Graph Embeddings for Natural Language Processing | Graph Learning and Network Science for natural language processing | 2023 | 978-1-032-22456-5 | Yes | CRC Press (Taylor and Francis) | Link |
| 979 | Dr. Pranav Sidhir Mulaokar | Present Scenario Of Indian Education | New NEP 2023: An Innovative Approach to Education | 2023 | 978-81-19463-61-9 | Yes | Blue Duck Publications | Link |
| 980 | H. R. Bhapkar | Engineering Mathematics III 2023 | | 2023 | 978-93-5585-365-3 | Yes | Technical Publications | Link |
| 981 | H. R. Bhapkar | Engineering Mathematics III, SPPU, 2022 (E&TC) | | 2023 | 978-93-91567-99-6 | Yes | Technical Publications | Link |
| 982 | H. R. Bhapkar | Ordinary Differential Equations and Vector Calculus | | 2023 | 978-91-5585-589-9 | Yes | Technical Publications | Link |
| 983 | H. R. Bhapkar | Engineering Mathematics III 2023 Comp-IT | | 2023 | 978-93-90474-52-7 | Yes | Technical Publications | Link |
| 984 | H. R. Bhapkar | Engineering Mathematics III 2023 Mech-Auto | | 2023 | 978-93-90450-59-6 | Yes | Technical Publications | Link |
| 985 | H. R. Bhapkar | COVID-19 Epidemic Impact on Various Society Sectors /2022 | | 2023 | 978-3-030-72751-2 | Yes | Springer | Link |
| 986 | H. R. Bhapkar | Advanced Mathematical Model to Measure the Severity of Any Pandemics 2021 | | 2023 | 978-981-19-5184-8 | Yes | Springer | Link |
| 987 | Monika Trivedi | Current Research Trends of Graphene Nanotechnology | | 2023 | 978-981-5080-17-9 | Yes | Bentham Science Publishers | Link |
| 988 | Pratibha Jadhav | Application of the Desicion Tree For Developing Acurate Prediction Model | | 2023 | 9781387858804 | Yes | Lulu Press, Inc. | Link |
| 989 | H. R. Bhapkar | Ordinary Differential Equations and Advanced Calculus | | 2023 | 978-93-90041-27-5 | Yes | Technical Publications | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|-----------------------------|---|---|---------------------|---|--|---|----------------------|
| 990 | Dr. Kavita Mane | Novel Aspects on Pharmaceutical Research | Tomato Puree Lycopene: Protective Effects in Atherosclerosis/Heart Diseases. | 2023 | Print ISBN: 978-81-19315-48-2, eBook ISBN: 978-81-19315-46-8 | Yes | B P International | Link |
| 991 | Dr. Atul Patil | Multidisciplinary Approaches to Research | Yayasan Corolla Education Centre (https://yayasancec.or.id) | 2023 | 978-623-88103-4-5 | Yes | Yayasan Corolla Education Centre, Indonesia | Link |
| 992 | Dr. Atul Patil | BOOK - Relationship Matters Vol.3 | How to solve conflicts, How to maintain and keep relationships, how to manage emotion?Chapter 24 - RAM: Relationship and Affection Management | 2023 | ASIN : B0CJNC1WGS (KINDLE EDITION) | Yes | TOKMEZ PUBLISHING | Link |
| 993 | Dr. Atul Patil | Leading by Example | Missed but not forgotten | 2023 | | Yes | Meera Marathe | Link |
| 994 | Prof. Dr. Reena Gunjan | CHALLENGES, AND ISSUES | Exploratory Data Analysis and Prediction of Human Genetic Disorder and Species Using DNA Sequencing | 2023 | ebook ISBN 978-3-031-47451-4 Print ISBN 978-3-031-47450-7 | Yes | Springer Link | Link |
| 995 | Dr. Ritesh Balaso Watharkar | Nanotechnology Horizons in Food Process Engineering | Book Published | 2023 | 978-1774910603 | Yes | CRC Press, Taylor & Francis Group, USA | Link |
| 996 | Dr. Ritesh Balaso Watharkar | Novel and Alternative Methods in Food Processing | Book Published | 2023 | 978-1774911624 | Yes | CRC Press, Taylor & Francis Group, USA | Link |
| 997 | Dr. Ritesh Balaso Watharkar | Advances in Food Process Engineering Novel Processing, Preservation, and Decontamination of Foods | Book Published | 2023 | 9781774911143 | Yes | CRC Press, Taylor & Francis Group, USA | Link |
| 998 | Dr. Ritesh Balaso Watharkar | Novel Processing Methods for Plant-Based Health Foods Extraction, Encapsulation, and Health Benefits of Bioactive Compounds | Book Published | 2023 | 9781774910740 | Yes | CRC Press, Taylor & Francis Group, USA | Link |
| 999 | Dr. Pratibha Jadhav | Programming for Everybody in Python | | 2023 | 9788119313853 | Yes | AASAN Publications | Link |
| 1000 | Dr. Sandip T. Gaikwad | Deciphering the Language of Business | Book | 2023 | 9359965073 | Yes | Blue Leaf Publications | Link |
| 1001 | Dr. Priyanka Sharma | The Role of Growth Regulators and Phytohormones in Overcoming Environmental Stress | Role of sugars in regulating physiological and molecular aspects of plants under abiotic stress | 2023 | 9780323983327 | Yes | Elsevier Inc | Link |
| 1002 | Dr. Priyanka Sharma | The Role of Growth Regulators and Phytohormones in Overcoming Environmental Stress | Redox homeostasis in response to abiotic stresses in plants | 2023 | 9780323983327 | Yes | Elsevier Inc | Link |
| 1003 | Dr. Priyanka Sharma | The Role of Growth Regulators and Phytohormones in Overcoming Environmental Stress | Role of jasmonates in regulating physiological and molecular aspects of plants under abiotic stress | 2023 | 9780323983327 | Yes | Elsevier Inc | Link |
| 1004 | Dr. Priyanka Sharma | PGPR (Plant Growth Promoting Rhizobacteria) for Plant Stress Management | PGPR (Plant Growth Promoting Rhizobacteria) Mediated Heavy Metal Tolerance in Plants | 2023 | 9798891131606 | Yes | Nova Publication | Link |
| 1005 | Dr. Priyanka Sharma | Gasotransmitters Signaling in Plants under Challenging Environment | Signaling Pathways of Gasotransmitters in Heavy Metal Stress Mitigation | 2023 | 978-3-031-43028-2 | Yes | Springer Nature | Link |
| 1006 | Dr. Wricha Mishra | Proceedings of the 14th Indian Conference on Human | Is JOMO the Answer to FOMO? Collaborative Digital Detox from Social Media for Adolescents | 2023 | 978-981-97-4335-3 print:978-981-97-4334-6 | yes | Springer | Link |
| 1007 | Dr. Wricha Mishra | Design in the Era of Industry 4.0, Volume 2 | Hive: An Interface System Design Solution for the Development of Handloom Industry | 2023 | 978-981-99-0264-4 print: 978-981-99-0263-7 | yes | Springer | Link |
| 1008 | Dr. Wricha Mishra | Design in the Era of Industry 4.0, Volume 1 Proceedings of ICORD 2023 | Smart Refrigerator System: Enabling Healthy Cooking | 2023 | 978-981-99-0293-4 print: 978-981-99-0292-7 | yes | Springer | Link |
| 1009 | Dr. Wricha Mishra | CHI EA '23: Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems | Advancing HCI Research and Education within and across South Asia | 2023 | 978-1-4503-9422-2 | yes | Association for Computing Machinery New York NY United States | Link |
| 1010 | Dr. Ashok Todmal | FUSION OF KNOWLEDGE: MULTIDISCIPLINARY PERSPECTIVES IN RESEARCH Volume 1 | PRECISION AGRICULTURE: TECHNOLOGY-DRIVEN APPROACHES FOR EFFICIENT FARMING | 2023 | 978-93-5879-115-0 | Yes | Red'Shine Publication Pvt. Ltd. | Link |



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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|--|---|--|---------------------|-------------------------|--|---|----------------------|
| 1011 | Niles Bhalerao (Co-Author) | Research paper presented at International Conference on Innovation in Visual Arts (ICIVA23) Organized by - The Amity School of Fine Arts | Subversive Satire and Postmodern Provocations: A Critical Analysis of Maurizio Cattelan's Artistry through the Lens of 'Comedian | 2023 | ISBN: 978-93-94086-41-8 | Yes | EXCELLENT PUBLISHING HOUSE Kishangarh, Vasant Kunj, New Delhi-110 070 | Link |
| 1012 | Nilesh Bhalerao (Co-Author) | Research paper presented at International Conference on Innovation in Visual Arts (ICIVA23) Organized by - The Amity School of Fine Arts | Adapting Traditions: A Contemporary Exploration of Dabu Printing in Rajasthan | 2023 | ISBN: 978-93-94086-41-8 | Yes | EXCELLENT PUBLISHING HOUSE Kishangarh, Vasant Kunj, New Delhi-110 070 | Link |
| 1013 | Nilesh Bhalerao (Co-Author) | Research paper presented at International Conference on Innovation in Visual Arts (ICIVA23) Organized by - The Amity School of Fine Arts | The Impact of Unconventional Art on Traditional Mediums in the Age of New Media Installations | 2023 | ISBN: 978-93-94086-41-8 | Yes | EXCELLENT PUBLISHING HOUSE Kishangarh, Vasant Kunj, New Delhi-110 070 | Link |
| 1014 | Neelam Bhosale | wossen international conference | Role of Indian Culture and Traditions in the sustainable practices through art education | 2023 | ISSN 2582-7472 | No | ShodhKosh: Journal of Visual and Performing Arts | Link |
| 1233 | Nilesh Bhalerao Maithili Kachare (Co-Author) | Publish in Book: बदलते परिवेश में ललित कलाओं की भूमिका :आजादी के अमृत महोत्सव के सन्दर्भ में | After Independence, The Changing Nature of Ganeshotsav in Maharashtra, An Overview of the Subsistence and Development of Ganesh Murtikar. | 2022 | 9788195648207 | YES | Well Press Publication | Link |
| 1234 | Maithili Kachare Nilesh Bhalerao (Co Author) | Publish in Book: बदलते परिवेश में ललित कलाओं की भूमिका :आजादी के अमृत महोत्सव के सन्दर्भ में | A Study of the history and evolution of the Indian Matchbox cover design after independence" | 2022 | 9788195648207 | YES | Well Press Publication | Link |
| 1235 | Neelam Bhosale | Research paper (2 days national seminar) publish under the subject of बदलते परिवेश में ललित कलाओं की भूमिका :आजादी के अमृत महोत्सव के सन्दर्भ में . | Impact Of Visual Imagery: Emerging Scenario and Current Trends in Post Independent India | 2022 | 9788195648207 | YES | Well Press Publication | Link |
| 1239 | H. R. Bhapkar | Artificial Intelligence based solutions for COVID- 19 | | 2021 | 978-0-323-90769-9 | Yes | Elsevier | Link |
| 1240 | H. R. Bhapkar | Quality of Work-Life During Pandemic 2021 | | 2021 | 978-981-16-7522-5 | Yes | Springer | Link |
| 1241 | H. R. Bhapkar | Perfect Coloring by HB Color Matrix AlgorithmMethod, Graph Learning and Network Science 2022 | | 2021 | 9781003272649 | Yes | CRC Press | Link |
| 1242 | Prof.Dr.Shubhangi Joshi | AI for Cyber Security | | 2022 | 9788119115921 | YES | Nirali Publication | Link |
| 1256 | Nilesh Bhalerao | An International Multydisciplinary Quarterly Reserch Journal Ajanta | Artists' contribution to paper recycling and promoting art and sustainability | 2022 | ISSN -2277-5730 | YES | Ajanta prakashan, aurangabad | Link |
| 1257 | Neelam Bhosale | An International Multydisciplinary Quarterly Reserch Journal Ajanta | AN OVERVIEW OF INDIAN WALL ART AND CULTURE: CELEBREATING 75TH YEARS OF INDEPENDENCE. | 2022 | ISSN : 2277-5730 | YES | Ajanta prakashan, aurangabad | Link |
| 1260 | Dr Sunita Karad | Selected Essays on Humanities | Anthropocene and Caste: Examining human-non human relation through 'entanglement' in Aravind Malagatti's autobiography Government Brahmana | 2023 | 978-93-93729-24-8 | YES | Skylight Publication, Pune | Link |
| 1261 | Dr. Chabbi Sinha | Precision Agriculture | Precision Agriculture: Revolutionizing Farming for a Sustainable Future | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1262 | Dr. Geeta Rao | Precision Agriculture | Precision Agriculture: Innovations and Future Prospects | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1263 | Dr. Vijaya Gondane | Precision Agriculture | Precision Agriculture: Technological Innovations, Sustainable Practices, and Future Directions | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1264 | Dr Sunita Karad | Precision Agriculture | Precision Agriculture: Harnessing Technology for Smarter, Sustainable Farming | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1265 | Dr Padmakar Sahare | Precision Agriculture | Organic Farming: A Sustainable Path to Healthier Soils, Food, and Environment | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1266 | Dr. Chabbi Sinha | Precision Agriculture | 9 From Data to Harvest: The Role of Precision Agriculture in Modern Farming | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1267 | Dr. Vijaya Gondane | Precision Agriculture | Harnessing Technology for Agricultural Sustainability: Precision Farming in Maharashtra and Haryana | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1268 | Dr Padmakar Sahare | Precision Agriculture | Smart Fields: Shaping the Future of Farming with Precision Agriculture | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1269 | Dr Sangita B. Phunde | Precision Agriculture | The Future of Agriculture: How Precision farming is Transforming Crop Management and Sustainability | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |




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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Link |
|---------|----------------------|---|--|---------------------|-------------------|--|----------------------------|----------------------|
| 1270 | Dr Sunita Karad | Precision Agriculture | The Rise of Precision Farming: A Path to Sustainable Agriculture in India | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1271 | Dr. Chabbi Sinha | Precision Agriculture | Data-Driven Farming: The Evolution of Precision Agriculture and Its Global Impact | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1272 | Dr. Geeta Rao | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study on impact of Natural Disasters w.r.t Orissa state | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1273 | Dr. Vijaya Gondane | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Rajasthan's Quest for clean water: Achieving SDG-6 | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1274 | Dr Sunita Karad | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study of global sustainable goals with respect to problems faced by Tamil Nadu | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1275 | Dr Padmakar Sahare | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Introduction to Kerala's Clean Water and Sanitation | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1276 | Dr. Chabbi Sinha | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Addressing Poverty in Dahod: Innovative Approaches On SDG 1 & 8 | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1277 | Dr. Vijaya Gondane | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A Study on the Inequalities & injustice experienced in Kashmir | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1278 | Dr Padmakar Sahare | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Study of Gangetic Dolphins with reference to SDG14 - | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1279 | Dr Sangita B. Phunde | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Bridging the Divide: Addressing Inequalities and Injustice in Manipur | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1280 | Dr. Chhabhi Sinha | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Enhancing Irrigation Infrastructure in Telangana: A Key to Achieving SDG 9 | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1281 | Dr. Geeta Rao | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A study on Education and Health SDG from Indian perspective | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1282 | Dr. Ujjwal Mishra | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | What about a Green Revolution in the Concrete Jungle? | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1283 | Dr. Ashwini Joshi | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | A Study on the Quality Education in Karnataka | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1284 | Dr. Prabhat kumar | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Assessing the Impact of Sustainable Practices in Haryana | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1285 | Dr Ashok Todmal | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | Study to improve the Income Disparity in Assam | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1286 | Dr. Padmakar Shahare | Precision Agriculture | From Soil to Success: The Precision Agriculture Revolution | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1287 | Dr. Deepak Sahoo | Precision Agriculture | The Future of Farming: How Precision Agriculture is Revolutionizing Productivity and Sustainability | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1288 | Prof. Swapnil Gorde | Precision Agriculture | Revolutionizing Agriculture: The Role of Precision Farming in Sustainability and Technological Advancement | 2023 | 978-93-93729-07-1 | YES | Skylight Publication, Pune | Link |
| 1289 | Dr. Ekta Talwar | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | SDG-13 In Goa: A study on employment and climate action | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |
| 1290 | Dr. Sudhir Agarwal | INDIA'S SUSTAINABLE FUTURE: ACHIEVING THE SDGs FOR 2030 | SDG-11 in Maharashtra: Make cities inclusive, safe, resilient and sustainable | 2023 | 978-93-93729-89-7 | YES | Skylight Publication, Pune | Link |




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